

AD-A146 917 SHENYA AFB ALASKA REVISED UNIFORM SUMMARY OF SURFACE  
WEATHER OBSERVATIONS.. (U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A.. MAY 84  
UNCLASSIFIED USAFETAC/DS 84/01R SBI AD-E850 740 F/G 4/2

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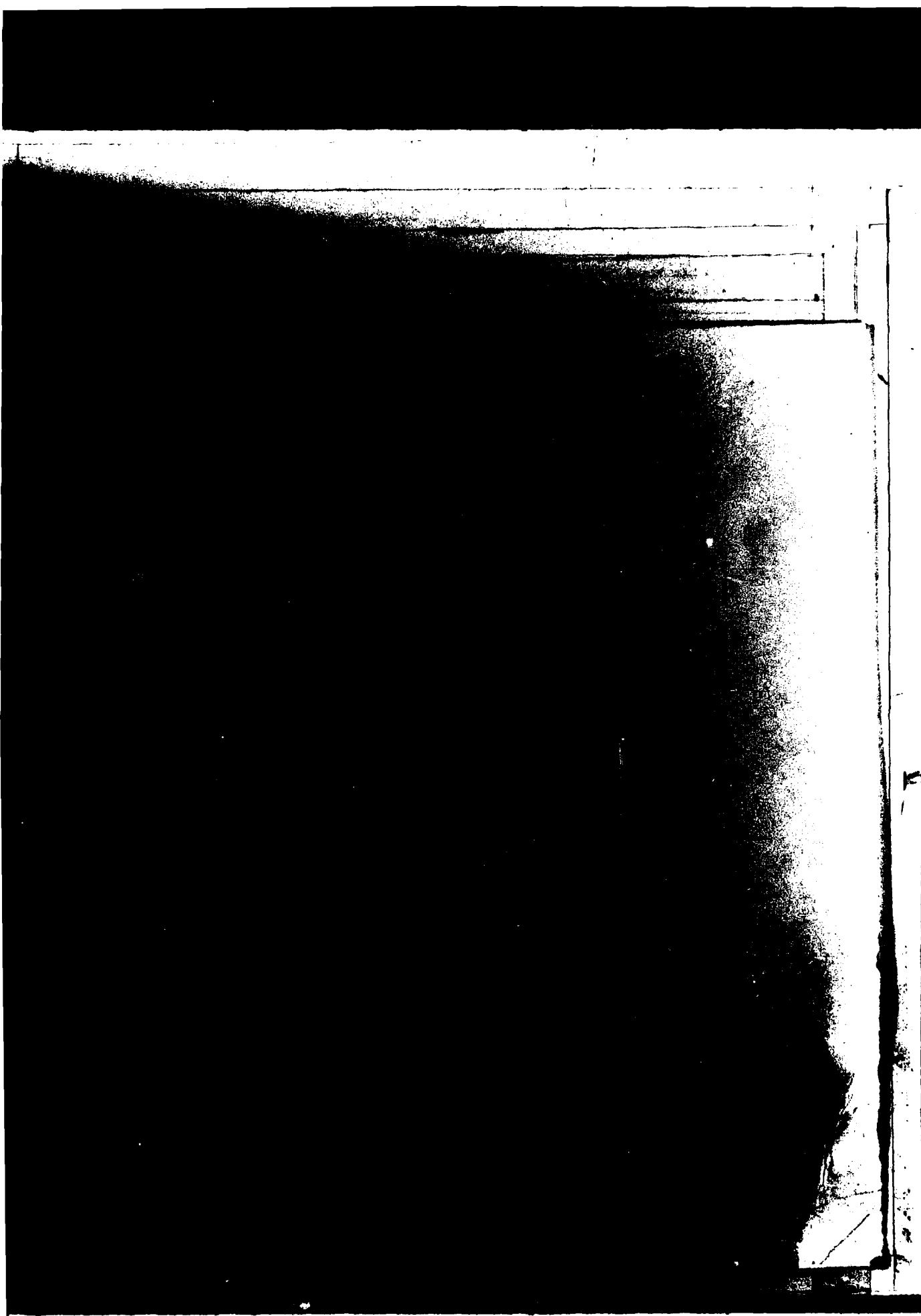
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USAFETAC/PC-24/038

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DATA PROCESSING DIVISION  
USAFETAC  
Air Weather Service ( MAC )

REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSERVATIONS

SHENOA AFB AK MSC #704140  
N 52 43 E 174 07 ELEV 97 FT PASY  
PARTS A-F HOURS SUMMARIZED: 0000Z - 2300Z  
PERIOD OF RECORD:  
HOURLY OBSERVATIONS: DEC 73 - NOV 83  
SUMMARY OF DAY DATA: JUN 43 - JUN 54, SEP 59 - NOV 83  
TIME CONVERSION GMT TO LST: -10

10 MAY 804

08 MAY 804

FEDERAL BUILDING  
ASHEVILLE, N. C.

DTIC  
ELECTED  
OCT 20 1984

84 10 23 229

REVIEW AND APPROVAL STATEMENT

This report, USAFETAC DS-84/<sup>2/3</sup>~~2~~, is approved for public release. There is no objection to unlimited distribution of this report to the public at large, or by Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).

This technical report has been reviewed and is approved for publication.

*Wayne E. McCollom*

WAYNE E. MCCOLLOM  
Chief, Document Reference Section  
USAFETAC/LDX



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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
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7. AUTHOR(s)		6. PERFORMING ORG. REPORT NUMBER															
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19. KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperatures</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative Humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperatures	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative Humidity	*Climatological data	(over)
*RUSSWO	Daily temperatures	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative Humidity	*Climatological data	(over)															
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) <p>This report is a six-part statistical summary of surface weather observations for Shemya AFB, Alaska.</p> <p>It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (Daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric (over)</p>																	

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EDITION OF 1 NOV 65 IS OBSOLETE

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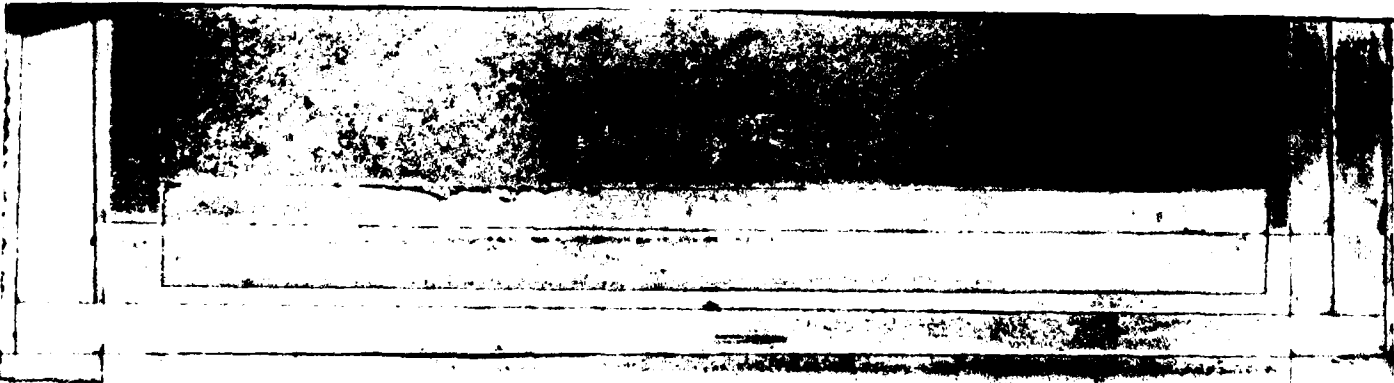
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19. Percentage frequency of distribution tables  
Dry-bulb temperature versus wet-bulb temperature  
Cumulative percentage frequency of distribution tables  
\*Alaska \*Shemya AFB \*USAK704140  
\*Shemya Air Force Base \*Shemya Island \*Shemya  
\*Shemya AAB \*Shemya Army Air Base \*Shemya AAF  
\*Shemya Army Air Field
  
20. Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurring tables.

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The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

Accession For	
NTIS GRA&I	<input checked="checked" type="checkbox"/>
DTIC TAB	<input type="checkbox"/>
Unannounced	<input type="checkbox"/>
Justification	
By	
Distribution/	
Availability Codes	
Dist	Avail and/or Special
A-1	



U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

## REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

### HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

### DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

### DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

#### PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

#### PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

#### PART C SURFACE WINDS

#### PART D CEILING VERSUS VISIBILITY

SKYCOVER

#### PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV

(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

#### PART F STATION PRESSURE

SEA LEVEL PRESSURE

### STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

### MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY \_\_\_\_\_

APRIL \_\_\_\_\_

JULY \_\_\_\_\_

OCTOBER \_\_\_\_\_

FEBRUARY \_\_\_\_\_

MAY \_\_\_\_\_

AUGUST \_\_\_\_\_

NOVEMBER \_\_\_\_\_

MARCH \_\_\_\_\_

JUNE \_\_\_\_\_

SEPTEMBER \_\_\_\_\_

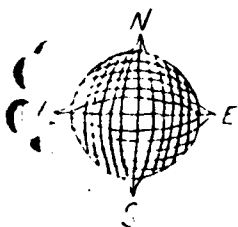
DECEMBER \_\_\_\_\_

A hand-drawn map of Shemya Island, showing its coastline and various features. The map is oriented with North at the top. Key labels include:

- DOCK**: Located at the top left.
- ALCAN COVE**: Located near the dock.
- COBRA DANE**: Located at the top center.
- ANTENNAS**: Located near the top center.
- POWER PLANT**: Located near the top center.
- EDONYCLITE**: Located near the top center.
- CABLE TOLL**: Located near the top center.
- GRAND CANYON**: Located near the top center.
- BEPPING SEA**: Located to the northeast.
- LAKES**: Multiple locations, including one near the top center and another near the bottom right.
- RBC**: Radio Beacon, located near the top center.
- SHIRILL RAY**: Located near the top center.
- PACKED SODIUM LANTHERS**: Located near the top center.
- OFFICER'S BARRACK**: Located near the top center.
- PACIFIC OCEAN**: Located to the southwest and southeast.
- WIND**: Located near the top center.
- RVR**: Radar, located near the top center.
- TEMP. STA.**: Temperature station, located near the bottom center.
- TOWER (ALT. OBS. SITE)**: Located near the bottom center.
- BASE WEATHER STATION**: Located near the bottom center.
- WIND 428**: Located near the bottom center.
- ANTENNA**: Located near the bottom right.
- SEAL POINT**: Located near the bottom right.
- LAKES**: Located near the bottom right.
- RBC**: Radio Beacon, located near the bottom right.

A compass rose is located in the bottom left corner, showing North (N), East (E), and South (S). A small box in the bottom left corner contains the following information:

**SHEMYA**  
 ELEV. 97'  
 52°4'N-174°04'E  
 X. DUNSMAY  
 1. P. BIRD  
 TOTAL AREA - 5.30 MILES



SHEMYA  
ELEV. 97'  
52°43'N-174°04'E  
X AIRWAY  
1. PITCH  
TOTAL AREA - 530 MS

PACIFIC OCEAN

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT.)	CALL SIGN	WMO NUMP#
704140	SHEMYA AFB ALASKA	N 52 43	E 174 07	97	PASY	45715

### STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	MT. BARO.	
	MSC #704143/WBAN #45708	AAF	Jul 43	Apr 45	N 52 43	E 174 06	70	73	24
	Shemya Is AAB Alaska	Same	May 45	May 48	Same	Same	90	92	24
	Same	AFB	Jun 48	Jun 54	Same	Same	105	Same	24
	Shemya Is AFB Alaska	Same	Jul 55	Nov 55	Same	Same	102	132	5 to 17
	Same	NWSU	Jul 58	Aug 59	Same	Same	110	130	
	Shemya Is NWSU Alaska N - 45714	NWS	Jan 73-	27 Apr 73	Same	Same	Same	Same	24
	MSC #704140/WBAN #45715			02 LST					
	Shemya Is APT Alaska W-45715	WB	Sep 59	Dec 64	Same	Same	102	125	24
	Same	Same	Jan 65	Oct 65	Same	Same	Same	Same	
	Same	NWS	Nov 65	Dec 70	Same	Same	Same	128	
	Same	Same	Jan 71	Dec 72	Same	Same	Same	Same	
	Shemya AFB AK A-45715	AWS	27 Apr 73	Dec 83	Same	E 174 07	97	Same	24
			03 LST						

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Jul 43 to May 48	Not available.	Anemometer (Selsyn)	ML-144B	N/A	
2	Jun 48 to Feb 53	Located on top of Weather Station Bldg.	Same	Same	28 ft	
3	Mar 53 to Feb 54	1. Located on roof of Operations Bldg.	Same	Same	Same	
		2. Same	AN/GMQ-1	ML-204	Same	
4	Mar 54 to Jun 54	1. Same	Same	Same	25 ft	
		2. Same	Same	Same	Same	
5	Jul 55 to Aug 55	Located on top of Weather Station	AN/GMQ-1	ML-204	25 ft	
6	Sep 55 to Nov 55	Same	Same	Same	40 ft	

USAFETAC

FORM NOV 73

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CONTINUED ON REVERSE SIDE

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
7	Jul 58 to Aug 59	Located on top of Balloon Infla- tion Bldg.	UMQ-5C	None	37 ft	
8	Sep 59 to 11 Nov 61	Located on roof of station.	F420C	AW Wind Gusts	32 ft	
9	12 Nov 61 to 26 Mar 68	Located at Rmwy site.	AN/GMQ-11	RO-2	20 ft	
10	27 Mar 68 to Dec 83	1. Located at Rmwy 28 site. 2. Located at Rmwy 10 site.	AN/GMQ-11 Same	RO-2	20 ft 17 ft	

A

## PART A

## WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse



Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total in the columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

CENTRAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE WFO

# WEATHER CONDITIONS

STATION 14 STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	1-24		1.7		7.6		78.9	7.6	.2	.2		13.9	930
	25-31		1.1	.1	11.7		76.4	6.4	.1	6.6		13.3	930
	1-24		1.1	.1	12.9		78.3	8.	.2	7.0		13.1	937
	25-31		1.1		11.7		76.5	6.7		7.1	.1	14.9	931
	1-24		1.1		12.7		76.6	6.6		1.8		14.2	930
	25-31		1.1	.1	14.4		72.4	6.7	.6			15.2	929
	1-24		1.1	.1	12.1		76.3	6.7	.6	6.0		16.7	937
	25-31		1.1	.1	14.2		74.5	6.3	.8	6.4		12.5	930
TOTALS			10.1	.1	20.4		78.7	6.1	.3	6.7	.3	14.2	7439

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE /MAC

## WEATHER CONDITIONS

7-474 STATION 74-87 FEB  
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	2-17		1.7	.2	78.1		45.2	10.3	.4	9.1		19.1	846
	2-18		2.6		77.1		43.7	8.3	.2	9.6		17.7	846
	2-19		1.4		74.6		47.4	9.7		9.6		19.0	846
	2-20		1.1		74.0		40.7	1.6	.1	1.3		21.2	846
	2-21		2.6		5.7		72.5	12.1	.2	11.3		22.2	846
	2-22		2.7		16.1		70.2	12.4		6.5		29.6	846
	2-23		3.9		11.0		70.4	13.5	.2	7.3		21.9	846
	2-24		2.6		79.7		46.1	12.8		9.1		21.1	846
TOTALS			9.7	.0	73.9		46.5	11.1	.1	9.2		20.0	6768

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

STATION YENYA AFB AK STATION NAME 4-87 YEARS 4-87 MONTH MAR

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	0-23		10.2		3.9		40.1	10.1		7.6		17.3	930
	3-31		10.1		34.4		41.7	9.6		6.9		17.1	931
	16-18		13.4		36.1		46.1	10.3		7.5		17.2	930
	0-11		10.3		31.2		38.4	13.2		7.6		28.1	930
	12-14		10.2		34.3		31.8	11.6		4.1		14.9	930
	15-17		12.1		36.0		32.2	19.9	.2	4.5		15.5	930
	18-21		11.0		36.9		34.4	13.3	.1	5.5		18.6	929
	22-23		11.1		32.5		40.3	13.2		6.6		19.5	930
TOTALS			10.1		30.9		38.4	11.5	.0	6.3		17.4	7439

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE / SAC

# WEATHER CONDITIONS

74-03 STATION NAME

74-03

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIR	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	0-23		2.0		25.4		41.3	19.1	.2	2.6		21.1	900
	1-1		2.4		27.7		42.6	19.7		3.1		21.3	900
	6-11		12.7		26.8		41.3	18.4		1.8		20.1	900
	12-17		17.7		22.6		35.6	18.2	.1	2.8	.1	21.1	900
	18-23		18.7		18.6		32.6	18.7	.2	1.7	.3	22.6	900
	1-2		17.6		17.3		30.1	18.8	1.2	1.3	.3	21.2	900
	3-4		18.4		14.8		29.7	19.4	1.2	1.3	.3	22.2	900
	5-10		19.4		19.3		34.4	15.2	.9	1.8	.2	22.8	900
TOTALS			19.1		21.6		35.9	18.8	.5	1.9	.2	21.0	7200

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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/AC

# WEATHER CONDITIONS

7 14 1964 CHEMUA AFB AF 14-64 MAY  
STATION STATION NAME YEARS MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	1-1		3.2		7.5		75.1	25.5	.4		.6	26.6	930
	7-15		13.2		7.3		38.5	27.8	.3	.2	.6	29.1	930
	6-10		29.		6.6		33.2	22.7	.3	.5	.3	3.8	930
	3-11		26.7		6.2		31.3	26.2	.1	.3	.2	26.7	930
	12-14		21.7		4.5	.1	24.5	21.9	.6	.1		22.6	930
	15-17		21.1		4.2		23.2	20.4	1.3		.3	21.8	930
	18-2		22.9		5.1		26.5	21.1	1.2		.3	22.6	930
	1-23		27.2		4.9		29.2	23.7	1.2		.2	25.1	930
TOTALS			25.6		5.8	.0	30.0	24.5	.7	.1	.3	25.7	7440

USAFETAC FORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ATL. WEATHER SERVICE/MAC

# WEATHER CONDITIONS

7-1347 STATION NAME STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	1-1		77.0				78.0	54.0				54.6	900
	15-1		45.0				45.0	59.0				59.0	900
	2-1		40.7				40.7	59.7				59.7	900
	3-1		40.7				40.7	55.6				55.6	900
	10-1		29.0				29.0	51.1	.3			51.4	900
	15-1		22.0		.1		22.0	45.4	.6			45.8	900
	18-2		22.0				22.0	46.3	.2			46.4	900
	11-2		25.4				25.4	49.6				49.6	900
TOTALS			74.0		.1		34.0	52.6	.1			52.7	7200

USAFETAC FORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## WEATHER CONDITIONS

- 4 -

STATION

STATION NAME

YEARS

JUL  
MONTH

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	1-12		40.1				40.1	67.7				67.7	930
	13-24		42.1				42.1	72.7	.4			72.7	930
	25-31		42.5				42.5	70.5				70.5	930
	1-1		75.4				75.4	66.8	.1			66.8	930
	12-14		76.1				76.1	59.8	.1			59.9	930
	15-17		70.3				70.3	53.1	.1			53.1	929
	18-20		71.1				71.1	55.3				55.3	930
	21-23		67.6				67.6	54.7	.1			54.7	930
TOTALS			72.1				72.1	64.1	.1			64.1	7439

USAFETAC FORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

7-14-14 CHENNAI AIR AC 74-97 AUG  
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
1-1	0-1		77.7				77.7	17.1	.1			67.1	930
	2-11		62.7			.1	42.9	71.8			.1	71.9	930
	12-14		44.7				44.0	70.2				71.2	930
	15-24		40.6				47.0	63.9				68.9	930
	25-31		71.7				71.6	62.6	.1			62.6	930
	1-17		77.7				77.2	54.0	.6			55.2	930
	18-2	.1	72.3				72.3	54.2	.5			54.7	930
	3-23		70.1				70.1	61.4	.3			61.4	930
TOTALS		.0	76.8			.0	76.6	63.8	.3		.0	63.9	7447

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

7-4141 STATION NAME YEARS SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
1-31	0-23		22.2				25.2	28.9				22.9	900
1-31	0-23		22.1		.0		25.3	26.9	.1			27.0	900
1-31	0-23		24.0				20.0	20.3				28.3	900
1-31	0-23		21.2				21.2	26.1	.6			26.4	900
1-31	0-23		20.6				18.6	22.1	.4			22.6	900
1-31	0-23		18.7				18.7	21.9				20.9	900
1-31	0-23		21.4				21.4	22.3	.3			22.7	900
1-31	0-23		25.0			.1	25.1	26.9	.1			26.9	900
TOTALS			22.4		.0	.0	22.4	25.3	.2			25.5	7200

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AT WEATHER SERVICE/MAC

# WEATHER CONDITIONS

7-114 SIKKA AFB AK 14-97 OCT  
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	1-1		16.3		3.0	.1	29.1	16.1	.3	.1		18.5	930
	2-10		13.6		4.6	.1	21.5	16.7	.3	.2		19.2	930
	11-20		15.2		4.2	.2	29.6	16.9	.1	.3		17.3	930
	21-31		12.2		2.3		24.0	15.3				15.3	930
	1-10		11.4		2.3	.1	21.6	14.5	.1			14.6	930
	11-20		14.6		3.3		25.9	14.2	.6		.3	15.2	930
	21-31		13.4		1.6	.2	25.2	14.4	.5		.1	15.1	930
	1-31		13.5		3.9		26.1	16.9	.2			17.1	930
TOTALS			24.5		3.3	.1	26.7	16.1	.3	.1	.1	16.5	7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE /MAC

## WEATHER CONDITIONS

7-14 STATION NAME 74-87 YEARS NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	1-15		12.9		7.8	.2	27.3	11.4	.4	1.2		12.8	207
	16-30		11.1		18.6		36.4	14.2	.3	1.2	.1	15.4	917
	1-15		21.3		19.7		35.8	13.7	.1	1.0	.2	14.8	930
	16-30		20.2	.1	18.9		25.3	12.1		1.6	.1	13.8	900
	1-15		14.6		15.8		30.8	11.7	.1	.9	.6	13.1	899
	16-30		12.8		17.8		25.5	13.9		1.3	.3	15.5	897
	1-15		12.8		11.0		26.1	13.7	.7	1.4	.6	16.1	897
	16-30		21.7		23.2		40.9	11.1	.6	1.4		17.7	897
TOTALS			21.5	.1	19.4	.3	26.0	12.7	.3	1.3	.2	14.3	7197

GLOBAL CLIMATOLOGY BRANCH  
HAFETAC  
AT WEATHER SERVICE /NAC

## WEATHER CONDITIONS

74114 LHOYA AFB AF

73-01

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
DEC	1-11		14.7		74.8		45.2	12.5		4.8		17.2	930
	12-11		17.3		72.6		44.3	13.1		4.6		17.4	930
	1-10		16.6	.1	75.5		45.6	12.5		3.9		16.2	930
	1-11		14.5		76.1		46.7	12.7		5.2		17.7	930
	12-14		14.2		76.1		39.1	13.6		5.1		18.8	930
	15-17		12.6		73.8		34.3	14.2	.3	3.7		18.2	930
	18-2		11.9		79.5		38.9	14.9	.5	4.4		19.7	930
	11-23		13.3		72.6		42.8	13.5		5.3		18.5	930
TOTALS			14.4	.0	71.4		42.0	13.4	.1	4.6		18.1	7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

7 474 SHEPPA AFB AK 77-87 ALL  
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL		10.1	.1	10.4		18.7	8.1	.3	6.0	.0	14.2	7439
FEB			9.7	.	13.9		41.5	11.1	.1	9.2		20.0	6768
MAR			11.1		30.9		18.4	11.5	.1	6.3		17.4	7439
APR			19.1		11.6		15.9	18.8	.5	1.9	.2	21.1	7200
MAY			20.6		5.8	.	11.0	24.5	.7	.1	.3	25.7	7440
JUN			34.0		.0		14.1	52.6	.1			52.7	7200
JUL			11.2				12.1	64.1	.1			64.1	7439
AUG		.1	16.1			.	16.3	63.8	.3		.0	63.9	7440
SEP			12.4		.1	.	12.4	15.3	.2			15.5	7200
OCT			11.5		3.3	.1	26.7	16.1	.3	.1	.1	16.5	7440
NOV			11.5	.1	19.4	.1	16.0	12.7	.3	1.3	.2	14.3	7190
DEC			14.4	.1	11.4		42.0	13.4	.1	4.6		18.0	7440
TOTALS		.0	12.7	.0	14.7	.0	34.5	26.8	.3	2.5	.1	29.4	87635

## PART A

## ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than  $\frac{5}{8}$  mile.

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ATMOSPHERIC PHYSICS/NAO

XX **WEATHER CONDITIONS** X  
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX  
ATMOSPHERIC PHENOMENA

STATION 10-10-5(DL A) STATION NAME 10-10-5(DL A) YEARS 10-10-5(DL A) ALL MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM DAILY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	AUG		4.1	1.1	0.5		57.4	36.4	0.8	22.7		57.6	1.54
FEB			7.4	1.1	1.5		57.6	36.4	0.8	35.8		57.6	958
MAR		0.1	4.1	0.1	7.7		55.4	42.2	0.4	25.2		56.3	1052
APR			11.1	0.1	12.3		51.1	41.4	1.7	0.6	0.1	52.1	1072
MAY					14.7		50.4	47.2	2.1	0.5	0.1	51.2	1.71
JUN			0.1		1.2		51.2	70.2	0.2			75.4	1046
JUL		0.1	2.7				54.1	42.2	0.7			55.1	1051
AUG		0.7	1.1		0.1		52.4	44.6	1.2			54.6	1.42
SEP		0.1	1.0		1.0	0.1	74.2	50.3	0.7			56.5	1014
OCT		0.7	1.3		1.7	1.6	59.2	42.5	0.9	0.5		43.7	1052
NOV		0.1	41.3	0.4	13.1	0.1	54.3	73.2	0.3	0.1		44.9	1.44
DEC		0.2	45.9	0.5	11.4		55.6	71.6	0.4	22.5		49.6	1.49
TOTALS		0.1	51.6	0.3	46.0	0.1	59.1	52.6	1.1	11.0	0.2	50.5	12468



U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (\*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (\*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

Values for means and standard deviations do not include measurements from incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (\*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 57	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

GLOBAL CLIMATELOGY BRANCH  
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# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
PRECIPITATION  
(FROM DAILY OBSERVATIONS)

7 014 STATION NAME 03-84, 52-83 YEARS

	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-304	OVER 304						
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	2.3	21.4	7.1	27.3	14.	12.7	6.	1.9	.7					69.3	1085	2.38	4.63	1.24	
FEB	2.5	29.6	1.5	25.1	17.2	12.5	5.	1.2	.7					68.1	989	2.01	5.03	.72	
MAR	4.1	23.5	9.7	25.4	17.1	12.4	5.4	1.4	.7					62.5	1084	2.06	4.86	.42	
APR	8.	38.9	1.7	11.9	6.3	9.6	5.8	1.5	.4					63.0	1050	1.75	3.97	.34	
MAY	17.7	31.2	7.5	15.5	7.6	8.8	5.6	1.5	.7					49.8	1085	1.86	5.44	.14	
JUN	17.7	43.6	11.6	13.0	6.6	7.2	7.4	1.6	.5					44.4	1053	1.56	3.60	.14	
JUL	7.7	42.4	8.1	14.	6.5	8.1	6.6	3.0	.9					47.8	1 82	2.62	8.71	.72	
AUG	17.7	34.8	17.2	15.	6.1	10.3	6.	5.4	1.4					54.4	1084	3.30	7.98	.72	
SEP	14.8	25.5	3.3	10.7	9.8	9.7	5.9	4.2	1.1					55.7	1087	2.85	5.06	.62	
OCT	5.5	11.7	7.5	21.9	14.3	14.9	8.2	4.8	1.7		.1			72.8	1115	3.81	8.59	1.85	
NOV	3.1	21.9	7.4	23.7	14.7	16.9	7.6	4.1	1.7					76.1	1078	3.83	7.96	.95	
DEC	7.3	29.4	7.5	21.0	13.0	17.1	6.7	1.9	.5					67.7	1084	2.68	6.70	.74	
ANNUAL	7.4	32.5	8.8	19.9	10.4	11.7	5.2	2.8	.7		.3			60.1	12869	3.71	✕	✕	

## EXTREME VALUES

### PRECIPITATION

(FROM DAILY OBSERVATIONS)

7 114 STATION  
STATION NAME

7-6-68 1 - 8 YEARS

20 H. A. AMOUNTS IN INCHES

[illegible]

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

## EXTREME VALUES

### PRECIPITATION

(FROM DAILY OBSERVATIONS)

194 CHRYA AFD AF

47-54, 55-62

STATION

STATION NAME

YEARS

IN PLACE AMOUNTS IN INCHES

[illegible]

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAJ

**EXTREME VALUES**  
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

7-814 STATION NAME: CHEROVA AFB AR 12-54, 52-83 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
41						.73	2.14	2.62	1.47	3.71	2.85	.78	
42	1.12	4.67	2.13	1.27	1.65	1.60	2.67	2.29	1.23	2.49	3.37	1.71	*27.17
43	1.43	1.9	2.72	1.24	1.10	1.75	1.60	1.55	1.91	3.51	2.75	1.8	25.98
44	1.21	1.25	1.75	.71	.14	1.71	1.53	2.13	1.36	2.29	1.26	1.40	*15.99
45	2.13	.75	1.22	1.21	.70	.44	2.31	2.19	2.29	1.85	3.42	3.7	21.24
46	1.22	.72	1.27	1.26	1.15	.70	2.22	2.25	4.45	4.41	4.46	3.56	*31.92
47	2.2	2.2	2.47	1.21	2.29	1.24	1.52	2.21	2.31	2.45	2.80	4.11	31.16
48	4.14	2.23	1.27	3.27	2.57	1.74	4.6	1.84	3.72	1.88	.95	2.68	32.96
49	1.26	1.67	.46	1.19	1.74	.22	1.23	.72	.62	3.22	1.24	1.4	15.82
50	2.23	2.33	4.51	1.41	2.41	2.6	2.21	2.78	2.56	4.61	6.17	3.16	44.05
51	1.27	1.21	4.22	1.72	1.17	2.29	2.55	2.43	4.14	4.87	7.96	2.91	42.16
52	2.21	4.10	1.77	1.75	1.44	1.24							
53									3.74	4.04	2.38	3.37	
54	2.27	1.73	1.85	.22	1.74	.71	2.52	1.26	3.71	3.58	1.64	1.77	24.44
55	1.47	1.62	.42	1.71	2.32	2.12	1.65	4.67	2.21	3.11	2.21	1.65	25.19
56	1.21	2.51	2.23	.74	1.27	2.27	2.57	7.24	2.55	8.59	3.04	3.44	38.17
57	1.31	.80	1.42	1.18	1.26	1.22	2.47	5.22	2.85	3.13	3.11	1.78	27.99
58	.27	1.28	1.32	1.21	1.27	2.22	2.40	2.55	5.26	4.20	4.24	3.67	32.11
59	2.21	2.6	1.29	1.33	1.21	1.19	4.17	3.28	2.30	3.65	5.36	6.20	35.27
60	2.14	1.57	.66	2.14	2.24	.27	1.27	2.31	1.95	1.92	5.40	1.48	25.43
61	1.34	1.66	2.50	1.54	1.98	.71	6.71	2.17	4.73	4.37	2.23	1.67	36.99
62	1.27	.73	.98	.67	1.36	.22	.72	1.88	2.26	2.78	.99	2.33	17.27
63	4.41	1.55	2.12	2.77	1.23	.91	1.62	7.13	3.73	3.40	2.61	1.66	34.76
64	1.74	1.51	.37	1.77	1.84	.92	3.19	2.65	3.19	3.38	4.85	3.28	28.99
65	1.32	1.4	2.35	2.16	.77	1.28	3.62	3.26	4.15	3.13	6.27	2.73	34.42
66	2.29	.77	2.31	3.48	1.97	2.39	2.28	1.34	1.70	3.22	3.02	1.88	26.88
67	1.21	2.33	1.61	1.43	1.64	1.77	1.55	1.71	2.57	3.89	5.37	3.18	27.97
68	2.37	2.46	2.39	2.76	2.04	1.29	2.29	7.28	2.62	5.23	4.49	3.48	40.41
69	2.3	2.69	1.46	2.34	2.63	1.68	1.36	3.14	3.30	8.10	7.93	4.17	41.16
70	3.13	3.45	2.15	1.81	1.72	2.52	2.71	4.27	3.57	3.37	3.64	2.52	34.75
MEAN													
S.D.													
TOTAL OBS.													

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GENERAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR STATION - NEWIC /MAC

**EXTREME VALUES**  
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

7-14 STATION NAME: STATION NAME YEARS: 42-4, 5-87

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
77	1.1	2.21	2.36	1.3	1.35	1.71	2.1	2.26	2.66	4.22	2.05	3.44	29.36
78	1.1	1.75	1.18	1.11	1.74	2.7	1.18	2.13	3.89	2.25	6.76	7.95	*32.64
79	1.7	2.14	2.32	2.25	1.66	2.11	2.1	4.17	5.1	5.09	3.92	2.17	37.37
80	1.45	1.71	2.92	1.36	1.77	2.67	1.49	2.85	1.67	3.23	2.89	1.65	25.72
81	1.7	2.23	1.67	2.06	.81	.14	2.71	1.23	2.33	2.36	4.02	3.43	21.11
82	2.44	3.23	2.47	2.38	1.93	1.89	.9	1.71	2.26	3.38	4.15	3.71	36.87
83	1.7	1.17	1.19	2.27	1.76	1.72	1.6	2.47	2.95	6.17	2.21		
84													
85													
86													
87													
88													
89													
90													
91													
92													
93													
94													
95													
96													
97													
98													
99													
00													
01													
02													
03													
04													
05													
06													
07													
08													
09													
10													
11													
12													
MEAN	2.37	2.13	2.164	1.747	1.862	1.564	2.620	3.296	2.850	3.810	3.832	2.685	31.54
S.D.	.971	1.161	1.108	.853	.992	.979	1.532	1.779	1.078	1.478	1.861	1.150	7.322
TOTAL OBS.	1035	989	1.84	1.550	1085	1.53	1082	1084	1080	1115	1078	1074	12869

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-85-5 (OLA)

GENERAL CLIMATELOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE ZONE

## DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
SNOWFALL  
(FROM DAILY OBSERVATIONS)

7-114  
STATION

7-114  
STATION NAME

4-50, 50-83  
YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	11.0	73.0	24.0	20.0	3.0	2.1	1.7	.5	.0					52.9	1023	13.4	4.5	.5
FEB	0.0	34.0	0.7	20.0	3.0	1.0	1.0	1.0	.1	.0				39.0	902	14.4	32.8	1.1
MAR	0.0	39.7	27.0	15.0	3.0	1.0	1.0	.5	.0	.1				50.1	1022	12.4	46.0	2.6
APR	23.0	47.0	17.1	4.8	0.7	.0								30.9	990	4.9	13.1	.1
MAY	7.0	9.0	4.0	0.0	.0	.1	.0							7.0	1023	1.3	6.3	TRACE
JUN	9.9	1.0	.0											.1	990	TRACE	.1	.0
JUL	10.0														992	.0	.0	.0
AUG	10.0	.0													992	TRACE	TRACE	.0
SEP	0.0	.0													990	TRACE	TRACE	.0
OCT	67.4	17.0	4.1	1.0	.1	.1	.0							5.7	1023	.9	4.3	TRACE
NOV	22.3	36.4	21.7	13.4	2.0	.9	.7	.2	.1	.1				39.2	989	8.9	29.3	.7
DEC	17.3	35.0	21.0	19.4	6.1	2.3	.3	.3	.3	.1				51.2	991	15.0	33.0	3.2
ANNUAL	1.2	24.3	12.5	5.5	0.1	.7	.4	.2	.1	.0				24.5	11957	71.2	✕	✕



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AT STATION SERVICE/NAO

# EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

7-114 STATION NAME HONOLULU AIRPORT 41-54, 59-63 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR	MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
41		0.1	3.9	1.0	2.1	TRACE	.	.	.	.	.2*	3.0	1.0	2.7
42		0.1	2.3	2.4	.	.	.	.	.	.	.2	1.5	3.5	2.5
43		0.1	2.4	4.3	.	TRACE	.	.	.	TRACE	.4	2.9*	3.1	4.7
44		0.1	9.1	8.1	2.7	TRACE	.	.	.	.	TRACE	2.5	2.8	9.1
45		0.1	4.2	3.7	2.1	.	.	.	.	TRACE	TRACE	.4	1.8	4.7
46		0.4	5.4	1.0	2.1	.	.	.	.	TRACE	TRACE	2.1	1.6	5.4
47		7.1	4.8	7.3	.	TRACE	.	.	.	.	TRACE	6.7	4.4	7.7
48		5.2	4.7	11.8	2.3	1.1	.	.	.	TRACE	4.1	11.2	2.5	11.8
49		0.1	5.3	2.2	1.5	2.2	TRACE	.	.	.	.	.	.	.
50		7.1	1.2	2.4	1.5	1.1	.	.	.	.	.5	1.6	3.9	.
51		2.7	4.8	1.2	3.2	1.1	.	.	.	.	.7	1.3	2.7	3.9
52		2.7	4.8	1.2	3.2	1.1	.	.	.	.	.4	.5	1.3	4.8
53		2.7	3.5	2.3	.	TRACE	.	.	.	.	.2	2.1	1.3	3.5
54		2.7	1.1	1.6	1.0	TRACE	.	.	.	.	.9	.3	2.6	2.6
55		1.1	2.4	1.2	3.1	.	.	.	.	TRACE	.3	1.8	2.9	3.1
56		1.1	2.0	1.7	2.7	.8	TRACE	.	.	TRACE	.4	2.1	5.5	5.5
57		1.1	2.1	.	.	.4	.	.	.	.	TRACE	.4	3.9	3.9
58		0.1	5.3	2.1	.	TRACE	.	.	.	TRACE	.1	1.4	1.5	5.3
59		0.1	.	1.1	1.4	.	.	.	.	TRACE	.6	2.6	2.7	2.7
60		2.7	2.2	1.2	1.6	.5	TRACE	.	.	.	.9	2.0	2.0	2.5
61		1.1	2.9	2.5	2.0	.	.	.	.	.	.	.	.	.
62		2.4	1.7	1.0	1.5	1.6	TRACE	.	.	.	.1	1.5	2.2	3.4
63		4.1	.	3.5	1.2	TRACE	.	.	.	.	TRACE	1.3	1.2	4.2
64		2.7	3.3	1.2	2.8	3.9	.	.	.	.	.1	.3	3.0	3.9
65		2.7	3.3	3.8	2.8	3.4	.	.	.	.	3.0	4.8	8.0	8.0
66		3.1	3.1	2.3	4.3	1.7	TRACE	.	.	.	1.4	4.2	6.6	6.6
67		2.1	11.3	4.7	1.9	.6	.	.	.	TRACE	.6	3.8	2.0	11.3
68		1.2	4.5	3.3	.	1.3	.	.	.	.9	1.0	1.5	11.1	11.1
69		1.1	5.1*	2.5	1.3	.	.	.	.	.	.6	.5	2.5	5.1
70		1.7	4.9	2.1	1.9	.3	.	.	.	TRACE	.1	4.0	5.9	5.9
MEAN														
S.D.														
TOTAL OBS.														

NOTE \* BASED ON LESS THAN FULL MONTHS

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AT WEATHER SERVICE /MAC

# EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

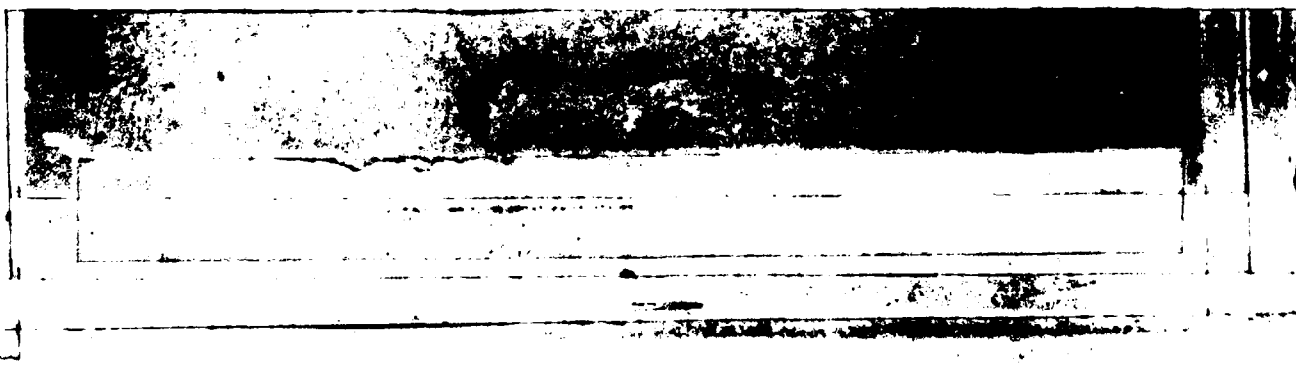
7-14 STATION 40-54, 59-67 YEARS

DEEPER AMOUNTS IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
1	5.7	4.2	3.4	1.8	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	5.7
2	4.7	3.7	2.7	1.7	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	4.7
3	4.6	3.6	2.6	1.6	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	4.6
4	4.5	3.5	2.5	1.5	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	4.5
5	4.4	3.4	2.4	1.4	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	4.4
6	4.3	3.3	2.3	1.3	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	4.3
7	4.2	3.2	2.2	1.2	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	4.2
8	4.1	3.1	2.1	1.1	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	4.1
9	4.0	3.0	2.0	1.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	4.0
10	3.9	2.9	1.9	.9	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	3.9
11	3.8	2.8	1.8	.8	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	3.8
12	3.7	2.7	1.7	.7	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	3.7
13	3.6	2.6	1.6	.6	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	3.6
14	3.5	2.5	1.5	.5	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	3.5
15	3.4	2.4	1.4	.4	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	3.4
16	3.3	2.3	1.3	.3	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	3.3
17	3.2	2.2	1.2	.2	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	3.2
18	3.1	2.1	1.1	.1	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	3.1
19	3.0	2.0	1.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	3.0
20	2.9	1.9	.9	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	2.9
21	2.8	1.8	.8	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	2.8
22	2.7	1.7	.7	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	2.7
23	2.6	1.6	.6	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	2.6
24	2.5	1.5	.5	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	2.5
25	2.4	1.4	.4	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	2.4
26	2.3	1.3	.3	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	2.3
27	2.2	1.2	.2	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	2.2
28	2.1	1.1	.1	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	2.1
29	2.0	1.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	2.0
30	1.9	.9	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	1.9
31	1.8	.8	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	1.8
32	1.7	.7	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	1.7
33	1.6	.6	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	1.6
34	1.5	.5	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	1.5
35	1.4	.4	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	1.4
36	1.3	.3	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	1.3
37	1.2	.2	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	1.2
38	1.1	.1	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	1.1
39	1.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	1.0
40	.9	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.9
41	.8	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.8
42	.7	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.7
43	.6	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.6
44	.5	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.5
45	.4	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.4
46	.3	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.3
47	.2	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.2
48	.1	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.1
49	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
50	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
51	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
52	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
53	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
54	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
55	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
56	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
57	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
58	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
59	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
60	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
61	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
62	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
63	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
64	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
65	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
66	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
67	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
68	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
69	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
70	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
71	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
72	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
73	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
74	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
75	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
76	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
77	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
78	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
79	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
80	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
81	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
82	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
83	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
84	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
85	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
86	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
87	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
88	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
89	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
90	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
91	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
92	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
93	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
94	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
95	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
96	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
97	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
98	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
99	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
100	.0	.0	.0	.0	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.0
MEAN	1.83	3.34	2.21	.94	.69	.17	.00	.00	.00	.91	2.32	2.21	2.67
S.D.	1.21	2.32	1.22	.99	.69	.17	.00	.00	.00	.91	2.32	2.21	2.67
TOTAL OBS.	121	93	122	99	102	99	99	99	99	102	98	99	1195

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)



GLOBAL CLIMATOLOGY BRANCH  
 METAC  
 AT WEATHER SERVICE/MAC

**EXTREME VALUES**  
 MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

7-14 STATION NAME 46-54, 59-60 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
4	10.4	12.2	7.1	0.7	TRACE	.	.	.	.	.2*	5.1	4.0	* 49.2
4	10.4	6.8	5.1	0.2	TRACE	.	.	.	.	.2	5.4	21.5	50.6
4	1.1	5.5	0.7	0.1	TRACE	.	.	.	TRACE	.7	5.1*	10.7	* 39.8
4	10.4	0.1	10.3	0.9	TRACE	.	.	.	.	TRACE	17.3	19.1	109.3
4	0.7	10.7	1.7	7.0	0.2	.	.	.	TRACE	TRACE	.7	5.5	44.6
4	9.1	10.5	1.2	4.4	0.2	.	.	.	TRACE	TRACE	2.3	5.3	49.6
4	10.4	11.3	73.7	2.7	0.4	TRACE	.	.	.	TRACE	20.4	20.9	114.7
4	21.2	1.1	43.1	3.6	3.2	.	.	.	TRACE	4.3	29.3	17.3	146.1
4	10.1	12.8	7.7	2.3	5.9	TRACE	.	.	.	.	.	.	.
4	21.4	1.6	4.7	2.4	1.1	.	.	.	.	.9	10.9	31.3	.
4	10.4	10.1	0.0	4.7	1.2	.	.	.	.	1.3	9.1	1.7	66.2
4	0.7	10.3	13.6	0.3	TRACE	.	.	.	.	.5	4.1	3.2	61.2
4	0.7	0.0	0.4	4.5	TRACE	.	.	.	.	.7	11.9	7.4	59.1
4	0.7	10.9	9.6	10.1	0.7	.	.	.	.	1.7	.7	9.0	29.8
4	0.7	11.8	0.1	3.8	0.8	TRACE	.	.	.	TRACE	1.3	8.2	58.5
6	1.0	10.1	2.0	2.8	0.2	.	.	.	.	TRACE	1.1	0.6	42.7
6	10.1	10.1	6.2	1.4	TRACE	.	.	.	.	TRACE	.1	0.6	49.7
6	0.7	0.5	3.0	4.7	0.3	.	.	.	.	TRACE	0.2	6.6	34.9
6	10.7	10.7	14.1	4.8	1.1	TRACE	.	.	.	.	.9	6.7	72.9
7	0.7	10.9	7.5	10.2	0.5	.	.	.	.	.	.4	2.3	53.7
7	5.4	7.7	4.5	2.4	2.6	TRACE	.	.	.	.	.1	8.6	45.5
7	10.4	1.1	9.8	2.3	TRACE	.	.	.	.	TRACE	9.8	5.2	44.2
7	0.7	1.0	3.7	6.2	6.3	.	.	.	.	.	.1	.9	44.4
7	7.5	11.5	15.3	13.7	4.4	.	.	.	.	0.4	11.5	23.4	90.0
7	10.3	19.8	11.9	0.1	4.8	TRACE	.	.	.	0.3	2.4	21.6	120.4
7	14.3	24.9	19.7	10.7	1.4	.	.	.	.	TRACE	1.3	10.6	98.7
7	14.3	22.7	22.4	2.3	3.6	.	.	.	.	.1	1.4	6.9	101.2
7	5.4	12.1*	4.6	5.1	0.2	.	.	.	.	.9	2.7	21.9	* 53.3
7	9.7	14.4	12.4	1.8	0.4	.	.	.	.	TRACE	.1	13.4	82.1
MEAN													
S.D.													
TOTAL OBS.													

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-80-3 (OLA)

XXXXXXXXXXXXXXXXXXXX  
 EXTREME VALUES  
 XXXXXXXXXXXXXXXXXXXX  
 MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

7 014 STATION 1514A AFB AK STATION NAME

46-54, 59-87

YEARS

## TOTAL MONTHLY SNOWFALL IN INCHES

[illegible]

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAO

## DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
SNOW DEPTH  
(FROM DAILY OBSERVATIONS)

STATION: 12-51, 15-63 STATION NAME: 12-51, 15-63 YEARS: 12-51, 15-63

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	10.7	7.0	14.7	12.7	6.3	10.7	7.0	2.5						61.7	1075			
FEB	7.0	10.0	17.4	4.0	11.1	0.0	17.0	3.4						72.4	978			
MAR	10.0	10.0	1.0	17.1	11.7	10.0	5.0	2.7	1.7					75.1	1059			
APR	10.0	17.4	5.0	0.1	1.7	1.7	.	.8	.4					17.2	1030			
MAY	7.0	0.0	.0											.0	1079			
JUN	7.0														1050			
JUL	7.0														1095			
AUG	7.0														1085			
SEP	7.0														1080			
OCT	10.0	7.0	.0											.0	1111			
NOV	7.0	16.6	1.0	4.2	7.7	7.3	.							70.3	1062			
DEC	27.0	33.2	14.7	0.3	7.6	10.2	4.0							46.3	1038			
ANNUAL	7.0	15.0	6.7	4.3	7.7	5.0	7.0	.0	.0					22.5	12741			

CLIMATE CLIMATOLOGY BRANCH  
USAF ETAC  
ATC WEATHER SERVICE/AC

# EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

STATION NAME

17-14, 17-17

YEARS

## DAILY SNOW DEPTH IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
1										1	0	4	
2										1	2	4	
3										1	1		
4										TRACE	2	1	
5										TRACE	1	7	
6										TRACE	2	2	
7											5	8	
8											1	2	
9											TRACE	2	
10										TRACE	8	1	
11										TRACE	4	7	
12										TRACE	3	6	
13										TRACE	2	2	
14										TRACE	2	TRACE	
15										TRACE	2	4	
16										TRACE	TRACE	3	
17										TRACE	2		
18											1	2	
19											TRACE	2	
20											TRACE	2	
21											TRACE	2	
22											TRACE	2	
23											TRACE	2	
24											TRACE	2	
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92											TRACE	2	
93											TRACE	2	
94											TRACE	2	
95											TRACE	2	
96											TRACE	2	
97											TRACE	2	
98											TRACE	2	
99											TRACE	2	
100											TRACE	2	
MEAN													
S D													
TOTAL OBS.													

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)



U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- \*1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (\*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

- \*2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

\*Values for means and standard deviations do not include measurements from incomplete months.



## EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

7041	STATION	STATION NAME
		STATION NAME

40-24, 50-24

YEARS

DAILY PEAK CLSTS IN KNOTS

[illegible]

NOTES \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OIA)

\$ (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

\$ (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

GENERAL CLIMATE DATA  
 METEOROLOGICAL  
 DATA

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
 CLASS \_\_\_\_\_  
 CONDITION \_\_\_\_\_  
 HOURS (L.S.T.) \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N												11.7	14.1
NNE												6.1	10.1
NE												4.4	10.1
ENE												15.2	14.1
E												6.9	15.4
ESE												4.1	16.5
SE												4.1	16.3
SSE												5.3	18.1
S												3.1	18.1
SSW												4.1	16.5
SW												4.1	16.5
WSW												4.1	16.5
W												4.1	16.5
WNW												4.1	11.7
NW												1.1	12.9
NNW												3.7	14.4
VARBL													
CALM												3.7	
												100.0	15.5

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

GENERAL CLIMATE DATA  
 MONTHLY  
 AND ANNUAL SUMMARY

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_  
 CLASS \_\_\_\_\_  
 CONDITION \_\_\_\_\_  
 JAN \_\_\_\_\_  
 1954 - 1955  
 HOURS (L.S.T.) \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												11.7	14.5
NNE												8.9	18.7
NE												9.2	17.0
ENE												9.0	17.1
E												9.4	15.7
ESE												4.5	16.2
SE												4.5	17.5
SSE												3.8	17.1
S												6.3	13.7
SSW												4.7	18.1
SW												5.3	13.7
WSW												5.2	11.7
W												5.0	16.2
WNW												4.5	11.3
NW												2.9	12.0
NNW												3.9	16.2
VARBL													
CALM												3.7	
	1.2	7.8	17.5	15.1	10.5	17.0	6.5	4.1	.4	.4	.1	100.0	15.9

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

CL AL TITAT EL M ALCH  
 10-1-57  
 A 10-1-57

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ JAN \_\_\_\_\_  
 MONTH \_\_\_\_\_  
 DATE \_\_\_\_\_  
 HOURS (L.S.T.) \_\_\_\_\_  
 CLASS \_\_\_\_\_  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	.	.	.	.	.	.	.	.	.	.	10.2	15.0
NNE	.	.	.	.	.	.	.	.	.	.	.	.5	18.1
NE	.	.	.	.	.	.	.	.	.	.	.	1.4	18.7
ENE	.	.	.	.	.	.	.	.	.	.	.	11.7	16.0
E	.	.	.	.	.	.	.	.	.	.	.	10.1	15.5
ESE	.	.	.	.	.	.	.	.	.	.	.	8.7	15.2
SE	.	.	.	.	.	.	.	.	.	.	.	2.7	19.1
SSE	.	.	.	.	.	.	.	.	.	.	.	4.6	18.4
S	.	.	.	.	.	.	.	.	.	.	.	6.7	15.1
SSW	.	.	.	.	.	.	.	.	.	.	.	4.1	17.7
SW	.	.	.	.	.	.	.	.	.	.	.	4.1	17.5
WSW	.	.	.	.	.	.	.	.	.	.	.	3.1	16.8
W	.	.	.	.	.	.	.	.	.	.	.	1.4	15.9
WNW	.	.	.	.	.	.	.	.	.	.	.	3.3	11.1
NW	.	.	.	.	.	.	.	.	.	.	.	2.0	14.1
NNW	.	.	.	.	.	.	.	.	.	.	.	6.0	15.3
VARBL	.	.	.	.	.	.	.	.	.	.	.	.	.
CALM	X	X	X	X	X	X	X	X	X	X	X	1.0	.
	2.7	1.0	4.3	25.7	10.7	7.0	6.6	6.7	2.7	1.9	.	100.0	16.4

TOTAL NUMBER OF OBSERVATIONS 936

1. ALL OBSERVATIONS MADE  
 2. ALL DATA FROM 1950 TO 1959

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
 DATE \_\_\_\_\_  
 CLASS \_\_\_\_\_  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	15.1
NNE	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	17.8
NE	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	17.8
ENE	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	18.9
E	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	17.8
ESE	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	17.4
SE	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	16.6
SSE	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	17.2
S	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	18.6
SSW	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	17.0
SW	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	11.4
WSW	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	19.9
W	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	15.8
WNW	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	11.4
NW	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	15.0
NNW	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	18.5
VARBL													
CALM													
	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	16.4

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

CENTRAL CLIMATE DIVISION  
 WASHINGTON, D. C.  
 AIRCRAFT SERVICE SECTION

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 18 STATION NAME USSA 1000 YEARS 1940 MONTH JAN  
 CLASS ALL WEATHER HOURS (L.S.T.) 1700-2400  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	.	1.7	1.7	1.7	1.7	1.7	1.7				12.2	16.5
NNE	.	.	1.7	1.7	1.7	1.7	1.7	1.7				12.4	17.0
NE	.	.	1.7	1.7	1.7	1.7	1.7	1.7				12.7	19.1
ENE	.	.	1.7	1.7	1.7	1.7	1.7	1.7	1.7			12.7	18.0
E	.	.	1.7	1.7	1.7	1.7	1.7	1.7				12.7	15.3
ESE	.	.	1.7	1.7	1.7	1.7	1.7	1.7	1.7			12.3	17.7
SE	.	.	1.7	1.7	1.7	1.7	1.7	1.7				12.3	18.1
SSE	.	.	1.7	1.7	1.7	1.7	1.7	1.7				12.3	17.4
S	.	.	1.7	1.7	1.7	1.7	1.7	1.7				12.3	17.1
SSW	.	.	1.7	1.7	1.7	1.7	1.7	1.7	1.7			12.3	17.7
SW	.	1	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1		12.4	22.4
WSW	.	1	1.7	1.7	1.7	1.7	1.7	1.7				12.4	18.2
W	.	1	1.7	1.7	1.7	1.7	1.7	1.7				12.3	14.7
WNW	.	1	1.7	1.7	1.7	1.7	1.7	1.7				12.3	11.7
NW	.	1	1.7	1.7	1.7	1.7	1.7	1.7				12.3	17.3
NNW	.	1	1.7	1.7	1.7	1.7	1.7	1.7				12.3	17.4
VARBL												1.0	
CALM												1.0	
	1.7	1.7	12.5	12.6	12.6	12.5	12.5	12.5	12.5	12.5	12.5	100.0	17.3

TOTAL NUMBER OF OBSERVATIONS 93

U.S. AIR FORCE  
CENTRAL WEATHER BUREAU  
OFFICE OF  
METEOROLOGICAL SERVICE

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: ALLIANCE YEARS: 1977 MONTH: JAN  
STATION: 100 CLASS: 1 HOURS (L.S.T.): 1700  
CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	.	.	.	.	.	.	.	.	.	.	1.7	15.0
NNE	.	.	.	.	.	.	.	.	.	.	.	1.7	14.9
NE	.	.	.	.	.	.	.	.	.	.	.	1.9	19.5
ENE	.	.	.	.	.	.	.	.	.	.	.	1.4	16.0
E	.	.	.	.	.	.	.	.	.	.	.	1.7	15.7
ESE	.	.	.	.	.	.	.	.	.	.	.	7.3	17.9
SE	.	.	.	.	.	.	.	.	.	.	.	1.4	15.7
SSE	.	.	.	.	.	.	.	.	.	.	.	1.7	13.9
S	.	.	.	.	.	.	.	.	.	.	.	1.7	16.0
SSW	.	.	.	.	.	.	.	.	.	.	.	1.3	17.8
SW	.	.	.	.	.	.	.	.	.	.	.	1.1	12.1
WSW	.	.	.	.	.	.	.	.	.	.	.	1.7	19.5
W	.	.	.	.	.	.	.	.	.	.	.	1.7	15.7
WNW	.	.	.	.	.	.	.	.	.	.	.	1.4	12.2
NW	.	.	.	.	.	.	.	.	.	.	.	1.3	17.2
NNW	.	.	.	.	.	.	.	.	.	.	.	1.4	16.6
VARBL	.	.	.	.	.	.	.	.	.	.	.	.	.
CALM	.	.	.	.	.	.	.	.	.	.	.	.	.
	.	1.1	1.4	1.9	1.5	1.7	1.2	1.9	1.1	.	.	1.1	17.0

TOTAL NUMBER OF OBSERVATIONS 979





U.S. AIR FORCE  
 WASHINGTON, D.C.  
 AIRCRAFT DIVISION

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
 CLASS \_\_\_\_\_  
 CONDITION \_\_\_\_\_  
 HOURS (L.S.T.) \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

GENERAL DEPARTMENT OF AERONAUTICS  
 COMMISSION  
 AIR FORCE

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION	STATION NAME	YEARS	JAN MONTH
ALL		ALL	ALL
CLASS		HOURS (L.S.T.)	
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												10.0	16.0
NNE												9.0	16.0
NE												8.5	15.0
ENE												8.0	15.0
E												7.5	15.0
ESE												7.0	15.0
SE												6.5	15.0
SSE												6.0	15.0
S												5.5	15.0
SSW												5.0	15.0
SW												4.5	15.0
WSW												4.0	15.0
W												3.5	15.0
WNW												3.0	15.0
NW												2.5	15.0
NNW												2.0	15.0
VARBL												1.5	15.0
CALM												1.0	15.0
												0.5	15.0

TOTAL NUMBER OF OBSERVATIONS 7477

1. NAME OF STATION  
 2. LOCATION  
 3. DATE OF OBSERVATION

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION	STATION NAME	YEARS	PERIOD
	CLASS		MONTH
	CONDITION		NUMBER (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

1. NAME OF STATION (LOCAL NAME)  
 2. LOCATION  
 3. DATE OF OBSERVATION

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
 CLAS \_\_\_\_\_  
 CONDITION \_\_\_\_\_  
 HOURS (L.S.V.) \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION NAME  
STATION NO.  
STATION TYPE

STATION

STATION NAME

YEARS

MONTH

DATE

HOURS (L.S.T.)

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												17.7	15.0
NNE												1.1	15.5
NE												1.0	15.0
ENE												1.3	15.0
E												1.3	15.0
ESE												1.1	15.0
SE												3.0	15.3
SSE												1.1	19.4
S												4.0	15.5
SSW												7.4	15.3
SW												1.0	15.3
WSW												3.0	15.6
W												4.5	15.2
WNW												1.2	15.4
NW												4.1	15.5
NNW												5.3	14.4
VARBL													
CALM												2.1	
												1.1	15.6

TOTAL NUMBER OF OBSERVATIONS

540

GENERAL CLIMATOLOGY BRANCH  
 WASHINGTON  
 AIRCRAFT SERVICE BRANCH

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION	STATION NAME	YEARS	FEET MORSE
			930-1000
	CLASS		HOURS (L.S.T.)
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												10.6	16.7
NNE												1.2	16.5
NE												9.5	16.2
ENE												8.3	16.0
E												7.7	16.6
ESE												4.8	19.6
SE												3.5	18.1
SSE												4.7	20.1
S												4.7	20.5
SSW												4.3	18.3
SW												3.5	19.0
WSW												4.4	20.4
W												1.3	19.8
WNW												2.5	9.1
NW												4.3	11.5
NNW												1.1	12.7
VARBL													
CALM												5.3	
	2.2	6.1	14.7	25.6	17.4	14.2	8.7	4.2	.4	.1		2.2	16.5

TOTAL NUMBER OF OBSERVATIONS 346

STATION NAME  
 LOCATION  
 ALTITUDE (FEET)

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION \_\_\_\_\_ DATE \_\_\_\_\_ YEAR \_\_\_\_\_ MONTH \_\_\_\_\_  
 CLASS \_\_\_\_\_  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



U.S. AIR FORCE  
METEOROLOGICAL SERVICE  
OFFICE OF THE DIRECTOR  
WASHINGTON, D.C. 20330

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
	CLASS		NUMBER (L.S.V.)
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VARBL													
CALM												0.0	

TOTAL NUMBER OF OBSERVATIONS 45

GENERAL CLIMATE BUREAU  
 WASHINGTON, D.C.  
 20540-0001

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	PERIOD
			MONTHS
			FROM - TO
			HOURS (L.S.T.)
	CLASS		
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												1.2	16.7
NNE												1.2	16.7
NE												3.4	17.7
ENE												7.4	17.2
E												7.4	16.6
ESE												7.4	18.1
SE												3.4	18.3
SSE												4.6	18.1
S												4.6	18.6
SSW												3.4	19.6
SW												4.6	17.6
WSW												4.6	22.0
W												5.8	13.4
WNW												4.6	11.8
NW												3.4	13.0
NNW												5.1	18.2
VARBL													
CALM												1.2	
												1.2	16.7

TOTAL NUMBER OF OBSERVATIONS 846

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
	LL HEAD		100-2300
	CLASS		NOV 8 (L.S.T.)
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	.	2.7	5.6	7.	7.7	1.4	.				16.3	16.1
NNE	.	.	2.6	5.7	6.	7.7	.	.				17.7	15.8
NE	.	.	1.	2.6	1.6	1.	.	6.				15.4	16.1
ENE	.	.	.	2.	.	.	4.	7.	.			17.7	15.3
E	.	.	1.7	5.	7.	.	5.	7.	.			17.4	16.1
ESE			.	2.7	.	.	.	.				3.7	19.3
SE	.	.	.	1.7	.	2.	.	.				3.4	19.3
SSE	.	.	.	1.7	.	.	5.	1.				5.	17.3
S	.	.	.	6.	.	.	8.	4.				4.5	18.9
SSW			.	.	.	.	4.	2.				3.	11.7
SW		.	.	1.	.	.	4.	4.				7.	18.8
WSW			1.4	4.	.	.	5.	5.	.	.	.	5.5	22.4
W	.	.	2.	4.	.	.	7.	7.	.	.	.	1.2	16.5
WNW	.	.	.	.	.	.	.	.				4.	9.1
NW	.	.	.	.	.	.	.	.				1.5	13.7
NNW	.	.	.	6.	1.1	.	2.	.				5.2	13.6
VARBL													
CALM												2.4	
	2.5	2.6	18.9	23.	15.	17.3	7.3	4.5	5.	2.	2.	101.2	16.4

TOTAL NUMBER OF OBSERVATIONS 845

U.S. AIR FORCE  
 METEOROLOGICAL SERVICE  
 WIND DATA

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION	STATION NAME	YEARS	MONTH
	ALL DATA		ALL
	CLASS		NOVEMBER (L.S.T.)
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	.	.	.	.	.	.	.	.	.	.	16.4	16.1
NNE	.	.	.	.	.	.	.	.	.	.	.	15.3	15.9
NE	.	.	.	.	.	.	.	.	.	.	.	17.8	17.8
ENE	.	.	.	.	.	.	.	.	.	.	.	16.7	16.7
E	.	.	.	.	.	.	.	.	.	.	.	18.6	18.6
ESE	.	.	.	.	.	.	.	.	.	.	.	18.5	18.5
SE	.	.	.	.	.	.	.	.	.	.	.	17.4	17.4
SSE	.	.	.	.	.	.	.	.	.	.	.	18.4	18.4
S	.	.	.	.	.	.	.	.	.	.	.	18.1	18.1
SSW	.	.	.	.	.	.	.	.	.	.	.	18.3	18.3
SW	.	.	.	.	.	.	.	.	.	.	.	19.1	19.1
WSW	.	.	.	.	.	.	.	.	.	.	.	22.2	22.2
W	.	.	.	.	.	.	.	.	.	.	.	18.1	18.1
WNW	.	.	.	.	.	.	.	.	.	.	.	11.1	11.1
NW	.	.	.	.	.	.	.	.	.	.	.	12.6	12.6
NNW	.	.	.	.	.	.	.	.	.	.	.	15.1	15.1
VARBL													
CALM												.2	
	1.0	7.4	15.2	27.5	17.3	14.4	9.6	3.7	.4	.2	.1	16.5	16.5

TOTAL NUMBER OF OBSERVATIONS 6165

CENTRAL CLIMATOLOGY BRANCH  
 WASHINGTON  
 AIR FORCE DISTRICT

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION	STATION NAME	YEARS	DATE
	CLASS		
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	.	.	4.7	3.0	2.7	.5	.				14.4	5.4
NNE	.	.	2.2	2.7	2.6	2.1	.7	.				9.3	17.9
NE	.	.	2.2	1.7	1.7	1.1	.7	.				7.5	17.4
ENE	.	.	.	1.6	1.7	.7	.7	.7				3.9	16.7
E	.	.	2.7	.7	.7	.	.7	.7				3.8	16.2
ESE	.	.	.7	.7	.7	.	.7	.7				3.2	15.5
SE	.	.	.	.7	.7	.	.7	.7				.7	22.8
SSE	.	.	.	.7	.7	.	.7	.7				2.4	19.3
S	.	.	2.7	1.6	1.1	1.1	.7	.				4.5	16.8
SSW	.	.	.7	.7	2.7	2.2	.7	.7	.	.1		6.5	12.1
SW	.	.	1.1	.7	.7	1.1	.7	.7				5.2	18.4
WSW	.	.	.7	1.1	.7	.7	.7	.7				5.5	18.7
W	.	.	1.7	1.7	1.7	.7	.7	.				6.7	16.9
WNW	.	.	1.7	1.7	.7	.7	.	.				4.9	9.9
NW	.	.	1.7	1.7	.7	.	.	.				5.3	13.4
NNW	.	2.2	1.6	1.7	1.7	.7	.7	.				6.7	13.9
VARBL													
CALM												5.3	
	4.7	2.2	17.2	24.0	18.2	17.7	7.0	3.2	.1	.1		10.3	16.2

TOTAL NUMBER OF OBSERVATIONS 937

1  
 TOTAL CLIMATOLOGY STATION  
 USAFETAC  
 AIRCRAFT METRIC / AC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: \_\_\_\_\_ YEARS: \_\_\_\_\_ MONTH: \_\_\_\_\_  
 CLASS: \_\_\_\_\_  
 CONDITION: \_\_\_\_\_  
 HOURS (L.S.T.): \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VARBL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CALM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS 93

STATION NAME  
STATION NUMBER  
STATION LOCATION

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION

STATION NAME

YEARS

DATE

CLASS

NO. OF HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												10.5	14.9
NNE												6.2	19.0
NE												7.1	16.9
ENE												4.5	16.5
E												3.8	17.8
ESE												2.3	16.7
SE												3.6	14.5
SSE												4.1	15.7
S												5.3	19.0
SSW												4.6	19.4
SW												7.2	19.1
WSW												5.3	17.3
W												5.3	18.1
WNW												5.2	17.3
NW												3.9	16.1
NNW												5.2	11.9
VARBL													
CALM												3.0	
												10.0	15.8

TOTAL NUMBER OF OBSERVATIONS

93

CLIMATE CLIMATOLOGY STATION  
 CLIMATE  
 AD. STATION. SURVEILLANCE

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION	STATION NAME	YEARS	MA MONTH
	CLASS		HOURS (L.S.T.)
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												17.2	15.7
NNE												17.2	19.1
NE												2.0	16.0
ENE												1.2	16.2
E												4.7	16.0
ESE												2.0	16.4
SE												3.0	16.3
SSE												2.2	18.4
S												5.6	19.5
SSW												1.0	18.2
SW												6.6	17.1
WSW												5.0	21.2
W												5.2	14.0
WNW												3.7	9.9
NW												4.4	10.2
NNW												5.9	15.1
VARBL													
CALM												4.1	
			17.3	26.1	17.1	24.1	2.4	2.2	.2	.2		2.0	16.1

TOTAL NUMBER OF OBSERVATIONS 970



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PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MAP \_\_\_\_\_  
 CLASS \_\_\_\_\_ MONTH \_\_\_\_\_  
 CONDITION \_\_\_\_\_ HOURS (L.S.T.) \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												1.0	16.0
NNE												7.5	19.8
NE												5.0	16.4
ENE												10.0	18.1
E												5.4	14.8
ESE												4.4	17.4
SE												4.7	17.6
SSE												2.7	15.5
S												5.5	16.5
SSW												7.6	20.1
SW												6.7	19.5
WSW												5.2	16.8
W												2.0	14.7
WNW												7.0	18.7
NW												6.1	14.0
NNW												6.3	15.4
VARBL													
CALM												1.9	
												1.0	16.5

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MAP NUMBER
			1700-1700
	CLASS		HOURS (L.S.T.)
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	•	•	•	•	•	•	•	•				14.4	16.9
NNE		•	•	•	•	•	•	•				6.9	•
NC		•	•	•	•	•	•	•				5.2	17.6
ENE	•	•	•	•	•	•	•	•	•			7.4	17.1
E	•	•	•	•	•	•	•	•				4.5	15.2
ESE	•	•	•	•	•	•	•	•				3.2	16.5
SE	•	•	•	•	•	•	•	•				2.0	19.7
SSE	•	•	•	•	•	•	•	•				3.3	14.1
S	•	•	•	•	•	•	•	•				7.5	17.6
SSW	•	•	•	•	•	•	•	•				6.8	12.1
SW	•	•	•	•	•	•	•	•				5.6	18.7
WSW	•	•	•	•	•	•	•	•				7.7	17.3
W	•	•	•	•	•	•	•	•				7.3	15.2
WNW	•	•	•	•	•	•	•	•				3.5	11.7
NW	•	•	•	•	•	•	•	•				5.2	16.5
NNW	•	•	•	•	•	•	•	•				5.2	16.1
VARBL												•	
CALM												•	
	1.1	•	1.0	24.0	10.2	11.7	3.5	4.7	•			1.1	17.2

TOTAL NUMBER OF OBSERVATIONS 97

GENERAL CLIMATE DATA FOR  
 TAC  
 LOCATION OF MEASUREMENT

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION	STATION NAME	YEARS	DATE
	CLASS		MONTH
	CONDITION		NUMBER (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												10.1	17.0
NNE												8.7	20.5
NE												6.1	17.3
ENE												5.1	18.5
E												4.3	18.0
ESE												2.5	16.9
SE												3.4	16.5
SSE												2.9	15.5
S												3.5	16.3
SSW												6.1	18.1
SW												7.7	19.1
WSW												7.1	19.1
W												7.1	18.0
WNW												3.0	19.3
NW												5.1	17.2
NNW												5.0	12.9
VARBL													
CALM												0.0	
	1.0	1.5	1.0	27.8	19.6	17.1	8.7	7.1	4.0			100.0	17.1

TOTAL NUMBER OF OBSERVATIONS 229

GENERAL CLIMATE LOG SHEET  
 USAFETAC  
 AIRCRAFT SERVICE UNIT

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MAP \_\_\_\_\_  
 DATE \_\_\_\_\_ MONTH \_\_\_\_\_ DAY \_\_\_\_\_  
 CLASS \_\_\_\_\_  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	•	•	•	•	•	•	•	•				1.1	15.2
NNE	•	•	•	•	•	•	•	•				1.3	19.7
NE	•	•	•	•	•	•	•	•				7.1	18.3
ENE	•	•	•	•	•	•	•	•	•			4.2	17.4
E		•	•	•	•	•	•	•				3.9	17.4
ESE	•	•	•	•	•	•	•	•				2.7	18.2
SE	•	•	•	•	•	•	•	•				3.1	22.1
SSE		•	•	•	•	•	•	•				1.9	16.5
S		•	•	•	•	•	•	•				5.9	17.1
SSW	•	•	•	•	•	•	•	•	•			6.5	18.3
SW	•	•	•	•	•	•	•	•				6.1	19.1
WSW		•	•	•	•	•	•	•				1.7	•
W	•	•	1.6	1.8	1.7	1.6	•					1.1	15.4
WNW	•	•	1.8	1.6	•	•	•					4.1	12.7
NW	•	•	•	•	1.6	•	•					1.5	13.5
NNW	•	1.2	1.4	•	1.7	1.1	•					7.4	12.7
VARBL												3.5	
CALM													
	2.2	7.2	17.2	23.6	19.7	18.7	7.6	2.8	.4			1.2	16.6

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

GENERAL CLIMATOLOGY - WANCH  
 MONTHLY  
 AT STATION SERVICE / AD

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
 CLASS \_\_\_\_\_ ALL MONTHS (L.S.T.) \_\_\_\_\_  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												15.7	15.9
NNE												4.1	19.7
NE												6.6	17.1
ENE												6.2	17.7
E												4.2	16.5
ESE												1.1	17.8
SE												3.6	16.4
SSE												3.8	16.5
S												5.6	17.5
SSW												6.3	16.3
SW												6.6	19.2
WSW												3.4	19.3
W												6.9	16.7
WNW												4.1	16.8
NW												5.1	13.1
NNW												6.6	13.6
VARBL													
CALM												2.7	
	5.7	4	13.4	23.1	19.4	16.7	8	3.3	2	1		10.0	16.4

TOTAL NUMBER OF OBSERVATIONS 7439

METEOROLOGICAL CLIMATE DATA  
 REPORT  
 AND WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

STATION NAME: \_\_\_\_\_ CLIMATE CLASS: \_\_\_\_\_ MONTH: Apr  
 STATION: \_\_\_\_\_ YEARS: \_\_\_\_\_ MONTHS: 199-201  
 CONDITION: \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	.	1.0	2.0	2.5	.	.	.	.	.	.	13.8	11.7
NNE	.	.	1.0	2.0	2.5	.	2.0	.	.	.	.	4.7	14.4
NE	.	.	1.0	2.0	2.5	.	.	.	.	.	.	5.0	12.6
ENE	.	.	1.0	2.0	2.5	.	2.0	2.0	2.0	.	.	4.9	15.4
E	.	.	1.0	2.0	2.5	.	2.0	2.0	.	.	.	4.7	16.5
ESE	.	.	1.0	2.0	2.5	.	2.0	2.0	.	.	.	4.3	13.2
SE	.	.	1.0	2.0	2.5	.	2.0	.	.	.	.	3.2	16.4
SSE	.	.	1.0	2.0	2.5	.	2.0	2.0	.	.	.	4.2	18.1
S	.	.	1.0	2.0	2.5	1.0	2.0	2.0	.	2.0	2.0	6.2	22.9
SSW	.	.	1.0	2.0	2.5	1.0	2.0	2.0	2.0	2.0	.	6.7	23.4
SW	.	.	1.0	2.0	2.5	1.0	2.0	2.0	.	.	.	6.3	19.1
WSW	.	.	1.0	2.0	2.5	1.0	2.0	2.0	2.0	.	.	7.6	18.4
W	.	.	1.0	2.0	2.5	1.0	2.0	.	.	.	.	7.2	12.7
WNW	.	.	1.0	2.0	2.5	1.0	2.0	2.0	.	.	.	4.2	10.6
NW	.	.	1.0	2.0	2.5	1.0	2.0	2.0	2.0	.	.	5.9	16.1
NNW	.	.	1.0	2.0	2.5	1.0	2.0	.	.	.	.	9.3	13.5
VARBL	.	.	1.0	2.0	2.5	1.0	2.0	.	.	.	.	.	.
CALM	.	.	1.0	2.0	2.5	1.0	2.0	.	.	.	.	3.6	.
	1.0	4.6	17.1	25.7	18.8	17.3	1.0	1.8	.4	.6	.2	100.0	15.1

TOTAL NUMBER OF OBSERVATIONS 899

1. ALBUQUERQUE, N.M.  
 2. TAC  
 3. 1000-1500

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION	STATION NAME	YEARS	APR
	LOCATION		MONTH
	CLASS		1000-1500
	CONDITION		HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	.	.	1.2	1.0	1.0	.	.	.	.	.	4.2	1.1
NNE	.	.	.	.7	.7	.7	.	.	.	.	.	3.9	13.2
NE	.	.	.	.7	.7	.	.	.	.	.	.	3.9	1.1
ENE	.	.	.	1.4	.7	.	.7	.7	.	.	.	4.9	16.7
E	.	.	.4	1.7	.7	.	.7	.7	.	.	.	4.2	16.6
ESE	.	.	.	1.7	1.7	.	.	.	.	.	.	3.8	13.2
SE	.	.	.	.6	.6	.	.7	.	.	.	.	3.7	16.5
SSE	.	.	.	1.1	.5	.	.7	.7	.	.	.	3.7	19.7
S	.	.	.	1.6	1.6	.9	.7	.	.7	.3	.	6.1	18.9
SSW	.	.	.	1.7	.6	.7	.7	.2	.7	.2	.	7.1	22.1
SW	.	.	.6	1.7	1.7	1.7	.6	.7	.7	.	.	6.7	1.1
WSW	.	.7	.6	2.1	2.1	2.1	.7	.6	.	.	.	8.4	19.6
W	.	.	1.6	2.6	1.7	1.7	.	.6	.	.	.	8.9	14.3
WNW	.	.6	1.6	1.7	.8	.7	.7	.	.	.	.	4.9	11.6
NW	.	.6	.7	2.2	1.7	.	.4	.	.	.	.	6.6	15.4
NNW	1.7	.7	.6	2.2	2.1	.7	.7	.	.	.	.	7.9	13.3
VARBL													
CALM												2.7	
		8.2	14.7	26.6	18.1	14.7	5.2	1.8	.8	.6		10.2	15.4

TOTAL NUMBER OF OBSERVATIONS 570

GENERAL CLIMATE LOG - WIND  
 HAWAIIAN ISLANDS  
 AT STATION 01-10-10-10

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 01-10-10-10 STATION NAME ALL HAWAII YEARS 1960-1961 APD 1960-1961  
 NORTH 100-100  
 HOURS (L.S.T.) 1000  
 CLASS CLAS  
 CONDITION COND

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												14.6	13.4
NNE												3.6	11.1
NE												4.1	11.8
ENE												4.1	17.1
E												3.8	15.2
ESE												3.7	14.1
SE												3.3	19.8
SSE												3.1	18.7
S												5.7	15.8
SSW												6.1	21.8
SW												6.6	21.6
WSW												8.8	19.1
W												7.4	13.6
WNW												5.4	10.8
NW												6.8	15.7
NNW												8.4	15.2
VARBL													
CALM												7.2	
	1.2	1.5	1.6	27.2	17.6	15.2	6.2	1.9	1.0	.1		10.2	15.6

TOTAL NUMBER OF OBSERVATIONS 900



OFFICIAL REPORT ONLY - ANCH  
 10-10-10  
 10-10-10

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

STATION 10-10-10 STATION NAME ALL WEATHER YEARS 1960-1969 APE 10-10-10  
 CLASS 10-10-10 MONTHS 10-10-10  
 CONDITION 10-10-10 HOURS (L.S.T.) 10-10-10

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	.	2.2	1.7	2.2	1.7	.	.	.	.	.	3.8	14.0
NNE	.	.	1.7	1.7	1.7	1.7	.	.	.	.	.	4.7	12.8
NE	.	.	1.7	1.7	1.7	1.7	.	.	.	.	.	5.3	11.6
ENE	.	.	1.7	1.7	1.7	1.7	1.7	.	.	.	.	3.3	15.1
E	.	.	1.7	1.7	1.7	1.7	1.7	.	.	.	.	3.9	14.9
ESE	.	.	1.7	1.7	1.7	1.7	1.7	.	.	.	.	3.2	14.6
SE	.	.	1.7	1.7	1.7	1.7	1.7	.	.	.	.	4.4	15.8
SSE	.	.	1.7	1.7	1.7	1.7	1.7	1.7	.	.	.	3.7	16.9
S	.	.	1.7	1.7	1.7	1.7	1.7	1.7	1.7	.	.	6.2	16.0
SSW	.	.	1.7	1.7	1.7	1.7	1.7	1.7	1.7	.	.	7.1	19.5
SW	.	.	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	.	3.7	19.9
WSW	.	.	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	.	1.1	10.0
W	.	.	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	.	4.7	13.4
WNW	.	.	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	.	3.1	12.5
NW	.	.	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	7.3	17.4
NNW	.	.	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	4.3	17.6
VARBL	.	.	.	.	.	.	.	.	.	.	.	.	.
CALM	.	.	.	.	.	.	.	.	.	.	.	1.4	.
	2.2	7.1	15.1	37.8	19.8	13.0	6.6	2.4	1.1	.	.	100.0	15.0

TOTAL NUMBER OF OBSERVATIONS 250

U.S. AIR FORCE  
 100-100  
 AIRCRAFT SERVICE

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 100-100 STATION NAME ALL WEATHER YEARS 1950-1951  
 CLASS 100-1400  
 CONDITION 100-1400  
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.7	14.8
NNE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.7
NE	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	14.7
ENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.2
E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.4
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	14.5
SSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.5
S	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.1
SSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.3
SW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.8
WSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.6
W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.1
WNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.2
NW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.2
NNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.1
VARBL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CALM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	16.0	32.8	27.4	12.4	6.6	2.6	0.0	0.0	0.0	0.0	16.0

TOTAL NUMBER OF OBSERVATIONS 900

OFFICIAL CLIMATE LOG - FAULT  
 UNITED STATES  
 AIR FORCE - CIVILIAN

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION CHINA AFB STATION NAME CHINA AFB YEARS 1960-1961 MONTH 1960-1961  
 ALL WEATHER CLASS ALL WEATHER  
 CONDITION ALL WEATHER

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.7	1.7	1.7	1.7	1.7					12.2	5.1
NNE			1.7	1.7	1.7	1.7						5.7	13.5
NE			1.7	1.7	1.7	1.7						7.1	15.3
ENE			1.7	1.7	1.7	1.7						2.2	15.0
E			1.7	1.7	1.7	1.7						3.2	17.0
ESE			1.7	1.7	1.7	1.7						3.2	16.4
SE			1.7	1.7	1.7	1.7						4.2	13.9
SSE			1.7	1.7	1.7	1.7						5.0	16.7
S			1.7	1.7	1.7	1.7						7.7	14.9
SSW			1.7	1.7	1.7	1.7						7.4	19.9
SW			1.7	1.7	1.7	1.7						5.1	18.6
WSW			1.7	1.7	1.7	1.7						2.2	17.6
W			1.7	1.7	1.7	1.7						5.4	14.6
WNW			1.7	1.7	1.7	1.7						2.3	13.3
NW			1.7	1.7	1.7	1.7						5.1	16.7
NNW			1.7	1.7	1.7	1.7						5.4	16.7
VARBL													
CALM													
	1.7	6.1	12.2	12.2	12.2	12.2	6.1	1.9	1.7			1.7	16.2

TOTAL NUMBER OF OBSERVATIONS 92

U.S. NATIONAL CLIMATOLOGY SERVICE  
 WASHINGTON, D.C.  
 AIR WEATHER SERVICE/NAAC

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION 14 ONE NAAC AK STATION NAME ALL WEATHER YEARS 1967-1968  
 CLASS CONDITION  
 HOURS (L.S.T.) 1800-2400

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												14.0	14.8
NNE												4.9	13.7
NE												2.8	13.4
ENE												3.1	14.6
E												5.9	17.8
ESE												3.2	15.1
SE												3.3	11.4
SSE												4.6	14.9
S												7.4	17.2
SSW												5.6	21.1
SW												6.2	18.7
WSW												9.6	16.9
W												9.2	13.4
WNW												2.4	11.1
NW												6.4	17.7
NNW												9.7	13.7
VARBL													
CALM												1.7	
												10.8	15.4

TOTAL NUMBER OF OBSERVATIONS 905

1. NAME OF THE LOGY STATION  
 2. LOCATION  
 3. AUTHORITY SERVICE/AC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NO. 108-2300 STATION NAME ALL WEATHER YEARS 1958-1960  
 CLASS ALL WEATHER MONTH 108-2300  
 CONDITION ALL WEATHER HOURS (L.S.T.) 108-2300

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VARBL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CALM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS 900

CLIMATE CLIMATOLOGY BRANCH  
 WAFB, TAC  
 AIRCRAFT STATION

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION WAFB, TAC STATION NAME WAFB, TAC YEARS 1950-1951 MONTH ALL

CLASS ALL WEATHER

CONDITION ALL

HOURLS (L.S.T.) ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	12.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	13.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	12.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	15.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	16.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	14.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	15.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	17.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	17.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	2.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	19.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0	18.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	13.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	11.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	16.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	14.0
VARBL													
CALM												1.0	
	1.0	4.0	17.0	20.0	18.0	17.0	5.0	2.0	.0	.0	.0	12.0	15.0

TOTAL NUMBER OF OBSERVATIONS 7199

ORIGINAL CLIMATE LOWY LAUNCH  
 10-1-1960  
 10-1-1960

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
 DATE \_\_\_\_\_ CLASS \_\_\_\_\_  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.0	10.5
NNE	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	6.9	11.4
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	1.2
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	7.7
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.0	14.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	9.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	21.2
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.1	13.1
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	17.9
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	17.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	15.5
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	14.3
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	12.2
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	12.1
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.2	14.8
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	12.7
VARBL													
CALM												1.9	
	.0	14.0	21.5	24.6	15.6	2.0	1.0	1.0				6.0	12.6

TOTAL NUMBER OF OBSERVATIONS 270

SIGNAL CENTER LOGS - ARCH  
 U.S. NAVY  
 AIRCRAFT SERVICE / MAG

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			1960-1961
CLASS			HOURLY (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												10.6	11.1
NNE												10.2	11.1
NE												10.1	11.1
ENE												10.2	10.1
E												10.1	10.1
ESE												10.1	10.1
SE												10.1	12.1
SSE												10.4	15.1
S												10.1	15.1
SSW												10.1	15.1
SW												10.1	15.1
WSW												10.1	15.1
W												10.1	15.1
WNW												10.1	14.2
NW												10.1	14.4
NNW												10.1	12.3
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 030



GLOBAL CLIMATOLOGY - WIND  
 USAFETAC  
 0-8-5 (OL-A)

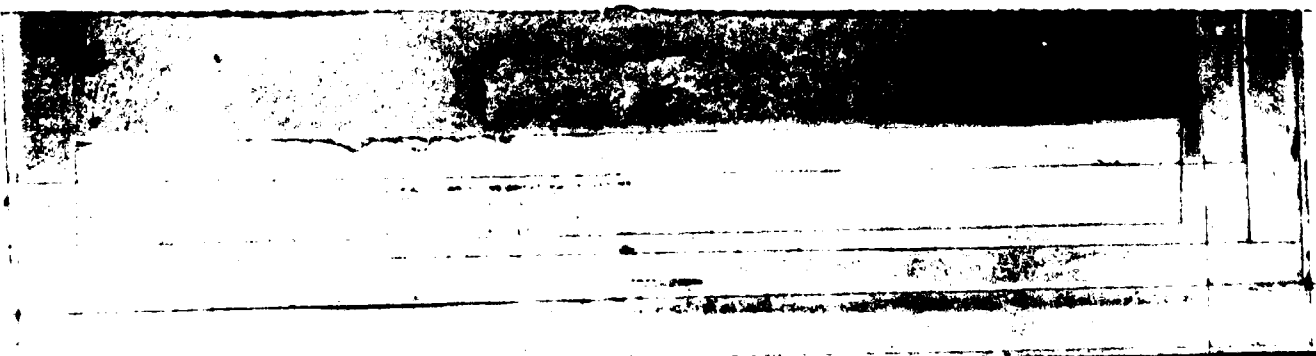
PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
 DATE \_\_\_\_\_  
 CLASS \_\_\_\_\_  
 CONDITION \_\_\_\_\_  
 HOURS (L.S.T.) \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												1.3	1.3
NNE												1.3	1.3
NE												3.5	3.5
ENE												3.5	3.5
E												3.5	3.5
ESE												3.5	3.5
SE												3.5	3.5
SSE												3.5	3.5
S												3.5	3.5
SSW												3.5	3.5
SW												3.5	3.5
WSW												3.5	3.5
W												3.5	3.5
WNW												3.5	3.5
NW												3.5	3.5
NNW												3.5	3.5
VARBL												3.5	3.5
CALM												3.5	3.5
	4.7	13.7	20.3	20.6	15.8	8.3	3.5	.4				10.4	17.2

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_ 97



RECEIVED METEOROLOGICAL BRANCH  
 10 MAY 1966  
 10 MAY 1966

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION USAFETAC STATION NAME USAFETAC YEARS 1965 MONTH MAY  
 ALL SECTIONS ALL SECTIONS CLASS ALL SECTIONS  
 CONDITION ALL SECTIONS

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VARBL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CALM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4.2	0.0	0.0	37.2	10.7	0.0	2.4	1.3	0.0	0.0	0.0	11.5	13.7

TOTAL NUMBER OF OBSERVATIONS 93

CENTRAL CLIMATOLOGY BRANCH  
HAWAII  
AT STATION SP-1010

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: SP-1010 YEARS: 1960-1969 DAY: 10 MONTH: 10 YEAR: 1969

ALL WEATHER CLASS: ALL

CONDITION: ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.7	1.7	2.0	1.7						14.7	14.1
NNE			1.7	1.7	1.7	1.7						6.3	13.3
NE			1.7	1.7	1.7							3.8	11.6
ENE			1.7	1.7	1.7	1.7						1.8	12.1
E			1.7	1.7	1.7	1.7	1.7					3.7	12.5
ESE			1.7	1.7	1.7	1.7	1.7					3.8	12.1
SE			1.7	1.7	1.7	1.7	1.7					3.8	11.7
SSE			1.7	1.7	1.7	1.7	1.7	1.7				4.2	12.2
S			1.7	1.7	1.7	1.7	1.7	1.7				7.5	13.2
SSW			1.7	1.7	1.7	1.7	1.7	1.7				7.8	17.5
SW			1.7	1.7	1.7	1.7	1.7	1.7	1.7			7.6	15.5
WSW			1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7		8.4	14.8
W			1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7		5.9	14.3
WNW			1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7		2.4	15.8
NW			1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7		6.3	16.7
NNW			1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7		9.8	16.7
VARBL													
CALM													
		2.1	22.9	32.4	19.8	12.0	2.8	1.1				10.0	14.4

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATE LOSS SEARCH  
USAFETAC  
AT: WEATHER SERVICE/NAO

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 4 STATION NAME WETLANDS YEARS 1950-1959 MONTH MAY  
CLASS ALL WEATHER HOURS (L.S.T.) 1950-1959  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		•	4.4	7.5	7.5	•						16.0	3.7
NNE		•	1.8	7.5	•	•						5.6	12.0
NE		•	•	1.0	•	•						2.4	12.0
ENE		•	•	•	•	•						2.7	12.0
E	•	•	•	1.8	•	•						3.1	11.4
ESE	•	•	•	1.8	•	•	•					3.2	13.7
SE		•	•	•	•	•						3.8	12.2
SSE		•	•	•	•	•						5.1	11.9
S	•	•	•	•	•	•	•					7.3	12.5
SSW	•	•	•	•	•	•	•					8.7	15.6
SW		•	•	•	•	•	•	•				6.7	17.5
WSW	•	•	•	•	•	•	•	•	•			8.5	14.0
W		•	•	•	•	•	•	•				6.6	14.0
WNW	•		•	•	•	•	•	•				2.7	18.1
NW		•	•	•	•	•	•	•				6.8	17.9
NNW		•	•	•	•	•	•	•				7.9	16.6
VARBL													
CALM												•	
	1.0	1.0	18.7	35.0	21.0	6.4	2.3	•				10.0	14.4

TOTAL NUMBER OF OBSERVATIONS 97.1

GENERAL CLIMATOLOGY BRANCH  
USAFETAC  
ATLANTA, GEORGIA

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION ATLANTA, GA STATION NAME ATLANTA YEAR 1950 MONTH MAY  
 ALL WEATHER CLASS ALL  
 CONDITION ALL  
 PERIOD 1949-2000  
 HOURS (L.S.T.) 0000-2400

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	4.0	5.0	7.7	.0						17.3	12.7
NNE	.0	.0	1.0	3.0	1.0	.0						5.0	12.7
NE	.0	.0	.0	1.0	.0	.0						1.0	11.3
ENE	.0	.0	.0	.0	.0							3.0	12.3
E	.0	.0	.0	1.0	.0							2.0	9.8
ESE	.0	.0	.0	1.0	.0	.0	.0					4.0	13.6
SE	.0	.0	.0	.0	.0	.0						3.0	11.3
SSE	.0	.0	1.0	2.0	.0	.0						4.0	11.3
S	.0	.0	1.0	1.0	1.0	.0	.0					6.1	13.7
SSW	.0	.0	.0	2.0	2.0	1.0	.0					7.3	17.3
SW	.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0			6.7	15.3
WSW	.0	1.0	1.0	1.0	1.0	.0	.0	.0				7.6	14.2
W	.0	.0	1.0	2.0	1.0	.0		.0				5.0	13.7
WNW	.0	.0	.0	.0	.0	.0						2.0	15.0
NW	.0	.0	1.0	2.0	1.0	1.0	1.0					8.7	17.7
NNW	.0	.0	2.0	4.0	1.0	1.0	.0					1.0	14.8
VARBL													
CALM												.0	
	2.7	2.0	20.7	35.4	18.6	8.0	2.6	.4	.1			10.3	13.2

TOTAL NUMBER OF OBSERVATIONS 93

GENERAL CLIMATOLOGY SEARCH  
USAFETAC  
ATTN: WEATHER SERVICE/1AC

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION 4 WINDY AIR STATION NAME WINDY AIR YEARS 1990-2000 MONTH MAY  
CLASS ALL WEATHER  
CONDITION 100-2300  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.3	1.5	2.6	1.6	.0	.0	.0	.0	.0	.0	5.8	16.7
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.6	12.0
NE	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	9.3
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.4	11.5
E	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	4.1	9.4
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	11.5
SE	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	12.1
SSE	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	4.0	13.9
S	.0	.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	7.3	15.2
SSW	.0	.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	6.7	17.2
SW	.0	.0	.0	2.0	1.0	.0	.0	.0	.0	.0	.0	6.6	16.3
WSW	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	4.7	12.7
W	.0	.0	1.0	2.0	1.0	.0	.0	.0	.0	.0	.0	5.9	13.8
WNW	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	3.2	11.6
NW	.0	.0	.0	2.0	1.0	.0	.0	.0	.0	.0	.0	6.6	15.9
NNW	.0	1.0	1.0	2.0	2.0	.0	.0	.0	.0	.0	.0	12.0	14.4
VARBL													
CALM												.	
	4.1	12.9	22.7	30.5	15.2	17.0	1.6	.4				100.0	13.0

TOTAL NUMBER OF OBSERVATIONS 93

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ATMOSPHERIC SERVICE / AC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION	STATION NAME	YEARS	MONTH
	ALL WEATHER		ALL
	CLASS		HOURS (L.S.T.)
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												7.2	12.3
NNE												6.4	12.2
NE												3.5	10.5
ENE												2.3	10.2
E												2.4	10.6
ESE												3.3	11.2
SE												3.4	12.4
SSE												3.9	13.2
S												6.5	14.7
SSW												7.2	16.6
SW												7.2	16.9
WSW												6.3	14.7
W												6.2	12.7
WNW												3.2	13.9
NW												7.8	16.7
NNW												11.9	14.1
VARBL													
CALM												1.3	
	11.2	11.2	1.1	31.4	17.6	2.1	2.5	.8	.1			100.0	13.5

TOTAL NUMBER OF OBSERVATIONS 7492





CENTRAL CLIMATE LOGS BRANCH  
USAFETAC  
AT LEATHER STOCK VICTOR AD

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION WINDY HILL STATION NAME WINDY HILL YEARS 1954-1956 MONTH JUN  
CLASS ALL WEATHER HOURS (L.S.T.) 0000-0500  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		0.3	0.1	0.1	0.1	0.1						0.4	1.4
NNE			0.1	0.1	0.1							0.1	1.5
NE		0.1	0.1	0.1	0.1		0.1					0.3	13.2
ENE			0.1	0.1	0.1							0.2	11.7
E			0.3	0.4	0.1							0.4	10.0
ESE		0.1	0.1	0.1	0.1	0.1						0.1	10.4
SE				0.4	0.1	0.1						0.1	9.4
SSE		0.1	0.1	0.1	0.1	0.1						0.3	10.9
S		0.1	0.1	0.1	0.1	0.1	0.1					0.1	12.6
SSW		0.1	0.1	0.1	0.1	0.1	0.1	0.3				0.8	14.8
SW		0.1	0.1	0.1	0.1	0.1	0.1					0.6	13.3
WSW			0.4	0.1	0.1	0.1	0.1	0.2				0.7	14.3
W			0.1	0.1	0.1							0.3	10.7
WNW				0.1	0.1							0.1	9.3
NW			0.1	0.1	0.1	0.1						0.2	12.4
NNW			0.1	0.1	0.1							0.4	11.6
VARBL													
CALM												0.2	
	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1				0.1	11.0

TOTAL NUMBER OF OBSERVATIONS 900

RECEIVED CLIMATE LOGS - ANCH  
USAFETAC  
ATTN: STATION SERVICE/ANAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION USAFETAC STATION NAME USAFETAC YEARS 1960-1961 MONTH JUN  
 ALL WEATHER CLAS  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VARBL												0.0	
CALM												0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 AFMPC  
 AFMPC - SHIPBOARD

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION CHERRY AFB TX STATION NAME CHERRY AFB TX YEARS 1954-1955 MONTH JUN  
 ALL WEATHER CLASS 010-1400  
 HOURS (L.S.T.) 010-1400  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.0	1.2	0.3	0.1	0.0	.0						15.4	12.1
NNE	.0	.0	.0	0.0	1.7	.0						4.9	13.6
NE	.0	.0	.0	0.0	0.0	.0						2.3	12.4
ENE	.0	.0	0.0	0.0	.0							4.1	11.1
E	.0	.0	0.0	0.0	.0							5.6	10.8
ESE	.0	.0	0.0	0.0	.0							4.2	10.2
SE	.0	.0	0.0	0.0	.0							4.7	8.9
SSE	.0	.0	0.0	0.0	.0	.0	.0					5.0	14.0
S	.0	.0	0.0	0.0	.0	.0	.0					5.0	11.6
SSW	.0	.0	0.0	0.0	1.7	1.0	.0	.1				9.4	13.2
SW	.0	.0	0.0	0.0	1.6	.0	.0					7.9	13.5
WSW	.0	1.2	1.4	0.0	2.1							8.8	12.5
W	.0	.0	0.0	0.0	1.0	.0						5.4	11.3
WNW	.0	.0	.0	0.0	.0	.0	.0	.1				5.9	15.0
NW	.0	.0	0.0	0.0	1.7	.0	.1					4.9	13.3
NNW	.0	.0	1.4	0.0	.0	.0						5.1	12.3
VARBL													
CALM												.0	
	4.7	10.0	27.6	34.1	16.1	4.2	1.2	.2				100.0	12.2

TOTAL NUMBER OF OBSERVATIONS 900

## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	JUN MONTH
	ALL BEADLES		1960-1961 HOURS (L.S.T.)
	CLASS		
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•	•	2.5	7.7	2.2	1.1						15.6	13.4
NNE	•	•	•	2.7	1.2	•						4.4	15.4
NE		•	1.5	1.8	•	•						2.2	12.3
ENE		•	1.2	1.2	•							4.1	11.6
E	•	•	1.2	1.2	•							5.1	11.1
ESE		•	1.1	1.2	•	•						3.4	11.7
SE	•	1.5	1.6	1.1	•							4.4	8.4
SSE		•	•	1.6	•	•	•					4.4	12.1
S	•	•	1.2	1.2	1.1	•	•	•				5.6	12.7
SSW	•	•	1.2	1.2	1.2	•	•					6.1	14.1
SW	•	•	1.6	1.2	1.2	1.2	•					9.6	13.8
WSW	•		•	1.2	1.2	•						6.3	12.6
W		•	1.2	1.2	•							4.6	11.1
WNW	•		•	•	•	1.1						2.3	17.6
NW	•	•	1.2	1.6	•		•					3.6	14.2
NNW	•	•	•	1.2	•	•						5.7	12.7
VARBL													
CALM												•	
	4.1	1.1	13.6	33.6	14.2	7.7	1.7	•				10.7	12.8

TOTAL NUMBER OF OBSERVATIONS 950



OFFICE CLIMATE LOGS BRANCH  
 WASHINGTON, D.C.  
 AIRCRAFT DIVISION

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION                      STATION NAME                      YEARS                      MONTH                       
 ALL WEATHER  
 CLASS                       
 CONDITION                       
 HOURS (L.S.T.)                     

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												14.8	12.2
NNE												7.1	12.2
NE												3.3	12.6
ENE												3.5	11.0
E												5.9	11.9
ESE												3.7	11.0
SE												4.2	10.3
SSE												0.0	11.5
S												0.1	14.6
SSW												0.6	17.3
SW												0.7	12.9
WSW												1.8	13.7
W												6.7	11.1
WNW												1.7	14.1
NW												4.3	14.5
NNW												0.0	13.1
VARBL													
CALM												0.1	
												100.0	12.5

TOTAL NUMBER OF OBSERVATIONS 97

UNCLASSIFIED

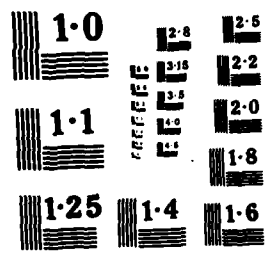
SIEMMYA AFB ALASKA REVISED UNIFORM SUMMARY OF SURFACE  
WEATHER OBSERVATIONS. (U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A. MAY 84  
USAFETAC/DS-R4/OIB SBI AD-E850 740 F/G 4/2

NL

[illegible]







GENERAL CLIMATE DATA  
 1. LOCATION  
 A. STATION NAME

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME LL-6475 CLASS LL-6475 CONDITION

STATION  STATION NAME  YEARS  MONTH JUN

1950-1951

HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												18.7	11.9
NNE												18.6	11.3
NE												4.0	9.4
ENE												2.0	9.1
E												8.2	10.1
ESE												2.8	10.3
SE												4.6	9.8
SSE												3.6	10.7
S												8.2	12.3
SSW												9.4	15.8
SW												7.2	14.6
WSW												1.1	13.7
W												6.7	9.5
WNW												1.7	10.7
NW												4.7	12.9
NNW												4.1	13.2
VARBL													
CALM												1.1	
	4.0	14.7	27.2	32.4	13.3	3.4	1.3	.7	.1			100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 900

GENERAL METEOROLOGICAL STATION  
 NAME  
 ADDRESS

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: STATION NAME YEARS: 1960 MONTH: JUN  
 CLASS: ALL  
 CONDITION: ALL  
 SOURCE (L.S.T.): ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	.	1.7	2.1	2.1	2.1	.	.	.	.	.	15.5	12.4
NNE	.	.	1.7	2.1	2.1	2.1	.	.	.	.	.	15.5	12.3
NE	.	.	1.7	2.1	2.1	2.1	.	.	.	.	.	15.5	11.7
ENE	.	.	1.7	2.1	2.1	2.1	.	.	.	.	.	15.5	10.9
E	.	.	1.7	2.1	2.1	2.1	.	.	.	.	.	15.5	10.2
ESE	.	.	1.7	2.1	2.1	2.1	.	.	.	.	.	15.5	10.7
SE	.	.	1.7	2.1	2.1	2.1	.	.	.	.	.	15.5	9.4
SSE	.	.	1.7	2.1	2.1	2.1	.	.	.	.	.	15.5	11.8
S	.	.	1.7	2.1	2.1	2.1	.	.	.	.	.	15.5	12.7
SSW	.	.	1.7	2.1	2.1	2.1	.	.	.	.	.	15.5	15.3
SW	.	.	1.7	2.1	2.1	2.1	.	.	.	.	.	15.5	13.9
WSW	.	.	1.7	2.1	2.1	2.1	.	.	.	.	.	15.5	13.4
W	.	.	1.7	2.1	2.1	2.1	.	.	.	.	.	15.5	10.6
WNW	.	.	1.7	2.1	2.1	2.1	.	.	.	.	.	15.5	13.7
NW	.	.	1.7	2.1	2.1	2.1	.	.	.	.	.	15.5	12.3
NNW	.	.	1.7	2.1	2.1	2.1	.	.	.	.	.	15.5	12.6
VARBL	.	.	1.7	2.1	2.1	2.1	.	.	.	.	.	15.5	
CALM	.	.	1.7	2.1	2.1	2.1	.	.	.	.	.	15.5	
	1.7	12.7	21.7	34.9	14.7	5.3	1.7	.5	.1			72.7	12.2

TOTAL NUMBER OF OBSERVATIONS: 727

GENERAL CLIMATOLOGY REPORT  
 STATION NAME  
 DATE

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_  
 CLASS \_\_\_\_\_  
 CONDITION \_\_\_\_\_

JUL  
 MONTH  
 1977-1978  
 YEARS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												3.9	11.2
NNE												3.3	9.8
NE												4.5	10.9
ENE												3.4	9.6
E												4.9	10.4
ESE												3.1	8.7
SE												3.7	6.4
SSE												4.1	10.2
S												7.8	11.1
SSW												9.8	12.3
SW												9.9	12.4
WSW												11.4	11.5
W												9.7	8.7
WNW												1.3	8.1
NW												8.7	11.6
NNW												6.9	11.5
VARBL													
CALM												3.9	
												11.2	11.3

TOTAL NUMBER OF OBSERVATIONS 937

U.S. AIR FORCE  
 CLIMATE DIVISION  
 WASHINGTON, D.C.

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_  
 MONTH \_\_\_\_\_  
 DATE \_\_\_\_\_  
 CLASS \_\_\_\_\_  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	.	.	.	.	.	.	.	.	.	.	5.3	9.7
NNE	.	.	.	.	.	.	.	.	.	.	.	5.4	7.0
NE	.	.	.	.	.	.	.	.	.	.	.	4.5	8.9
ENE	.	.	.	.	.	.	.	.	.	.	.	5.2	6.6
E	.	.	.	.	.	.	.	.	.	.	.	6.5	10.0
ESE	.	.	.	.	.	.	.	.	.	.	.	7.7	7.5
SE	.	.	.	.	.	.	.	.	.	.	.	2.8	6.8
SSE	.	.	.	.	.	.	.	.	.	.	.	4.3	8.6
S	.	.	.	.	.	.	.	.	.	.	.	7.7	10.5
SSW	.	.	.	.	.	.	.	.	.	.	.	6.8	12.6
SW	.	.	.	.	.	.	.	.	.	.	.	11.3	12.6
WSW	.	.	.	.	.	.	.	.	.	.	.	11.7	11.7
W	.	.	.	.	.	.	.	.	.	.	.	10.9	10.1
WNW	.	.	.	.	.	.	.	.	.	.	.	1.1	6.9
NW	.	.	.	.	.	.	.	.	.	.	.	1.3	10.3
NNW	.	.	.	.	.	.	.	.	.	.	.	7.0	10.3
VARBL	.	.	.	.	.	.	.	.	.	.	.	.	.
CALM	.	.	.	.	.	.	.	.	.	.	.	3.3	.
	.	.	.	.	.	.	.	.	.	.	.	1.1	10.2

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

OFFICE CLIMATELOGY BRANCH  
 AFMTCAG  
 AIRCRAFT SERVICE PLANT

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

STATION NAME: STATION NAME YEARS: 1960-1960

CLASS: ALL WEATHER

CONDITION:

JUL  
 NORTH  
 1960-1960  
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												0.0	0.0
NNE												0.0	0.0
NE												0.0	0.0
ENE												0.0	0.0
E												0.0	0.0
ESE												0.0	0.0
SE												0.0	0.0
SSE												0.0	0.0
S												0.0	0.0
SSW												0.0	0.0
SW												0.0	0.0
WSW												0.0	0.0
W												0.0	0.0
WNW												0.0	0.0
NW												0.0	0.0
NNW												0.0	0.0
VARBL												0.0	0.0
CALM												0.0	0.0
												0.0	0.0

TOTAL NUMBER OF OBSERVATIONS 97

RECEIVED CLIMATE DATA CENTER  
 USAFETAC  
 2000 STATE ST. WASHINGTON, D.C. 20540

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_

CLAS \_\_\_\_\_

CONDITION \_\_\_\_\_

JUL \_\_\_\_\_

MONTH \_\_\_\_\_

1970-1971

HOURLS (L.S.V.) \_\_\_\_\_

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	.	.	.	.	.	.	.	.	.	.	7.4	10.3
NNE	.	.	.	.	.	.	.	.	.	.	.	5.7	9.7
NE	.	.	.	.	.	.	.	.	.	.	.	4.4	11.1
ENE	.	.	.	.	.	.	.	.	.	.	.	3.9	11.7
E	.	.	.	.	.	.	.	.	.	.	.	7.3	11.4
ESE	.	.	.	.	.	.	.	.	.	.	.	3.3	8.4
SE	.	.	.	.	.	.	.	.	.	.	.	3.0	9.1
SSE	.	.	.	.	.	.	.	.	.	.	.	5.4	8.2
S	.	.	.	.	.	.	.	.	.	.	.	7.8	10.0
SSW	.	.	.	.	.	.	.	.	.	.	.	7.2	12.8
SW	.	.	.	.	.	.	.	.	.	.	.	5.5	11.6
WSW	.	.	.	.	.	.	.	.	.	.	.	1.1	12.1
W	.	.	.	.	.	.	.	.	.	.	.	7.2	8.9
WNW	.	.	.	.	.	.	.	.	.	.	.	5.1	11.1
NW	.	.	.	.	.	.	.	.	.	.	.	5.7	13.4
NNW	.	.	.	.	.	.	.	.	.	.	.	4.7	13.3
VARBL	.	.	.	.	.	.	.	.	.	.	.	2.4	
CALM	.	.	.	.	.	.	.	.	.	.	.	2.4	
	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4

TOTAL NUMBER OF OBSERVATIONS 93

GENERAL CLIMATE REPORT  
 ILLINOIS  
 AIR STATION - ST. LOUIS, MO.

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION ST. LOUIS, MO. STATION NAME ST. LOUIS, MO. YEARS 1940-1941 MONTH JUL  
 CLASS LL - LEACH HOURS (L.S.T.) 1400  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													1.0
NNE													1.0
NE													1.0
ENE													1.0
E													1.0
ESE													1.0
SE													1.0
SSE													1.0
S													1.0
SSW													1.0
SW													1.0
WSW													1.0
W													1.0
WNW													1.0
NW													1.0
NNW													1.0
VARBL													1.0
CALM													1.0
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

TOTAL NUMBER OF OBSERVATIONS 1400



STATION NAME  
STATION  
STATION

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

STATION NAME STATION NAME YEARS MONTH MONTH

CLASS

CONDITION

1960-1960

HOURLY (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												0.3	13.1
NNE												0.1	9.0
NE												4.1	12.7
ENE												7.7	12.1
E												1.6	13.0
ESE												2.0	9.1
SE												0.3	8.8
SSE												0.7	8.3
S												0.7	12.0
SSW												10.2	12.7
SW												1.2	11.0
WSW												0.4	10.3
W												0.7	11.2
WNW												0.3	13.5
NW												4.7	15.2
NNW												0.1	15.0
VARBL													
CALM												0.4	
	0.5	10.3	20.6	28.0	16.7	4.1	0.5	0.7				0.3	11.6

TOTAL NUMBER OF OBSERVATIONS 900

1. NAME OF THE TOWER OR AIRCRAFT  
 2. LOCATION  
 3. DATE OF OBSERVATION

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ JUL \_\_\_\_\_ MONTH \_\_\_\_\_  
 CLASS \_\_\_\_\_  
 CONDITION \_\_\_\_\_  
 HOURS (L.S.T.) \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	•	•	•	•	•	•	•	•				•	2.5
NNE	•	•	•	•	•	•	•	•				•	3.2
NE	•	•	•	•	•	•	•	•				•	4.0
ENE	•	•	•	•	•	•	•	•				•	4.8
E	•	•	•	•	•	•	•	•				•	5.6
ESE	•	•	•	•	•	•	•	•				•	6.4
SE	•	•	•	•	•	•	•	•				•	7.2
SSE	•	•	•	•	•	•	•	•				•	8.0
S	•	•	•	•	•	•	•	•				•	8.8
SSW	•	•	•	•	•	•	•	•				•	9.6
SW	•	•	•	•	•	•	•	•				•	10.4
WSW	•	•	•	•	•	•	•	•				•	11.2
W	•	•	•	•	•	•	•	•				•	12.0
WNW	•	•	•	•	•	•	•	•				•	12.8
NW	•	•	•	•	•	•	•	•				•	13.6
NNW	•	•	•	•	•	•	•	•				•	14.4
VARBL												•	
CALM												•	
	•	•	•	•	•	•	•	•	•	•	•	100.0	•

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

U.S. AIR FORCE  
METEOROLOGICAL SERVICE  
AFM 7-10.1 (1-64)

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION	STATION NAME	YEARS	JUL MONTH
	CLASS		HOURS (L.S.T.)
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE  
TAC  
STATION

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH JUL  
CLASS \_\_\_\_\_  
CONDITION \_\_\_\_\_  
MOON (L.S.T.) \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 7479

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	NORTH
	CLASS		HOURS (L.S.T.)
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE  
 FORM 0-8-5 (OL-A)  
 JUL 64

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
 CLASS \_\_\_\_\_ HOURS (L.S.T.) \_\_\_\_\_  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

1  
CENTRAL CLIMATE DIVISION  
METAC  
ATLANTA, GEORGIA

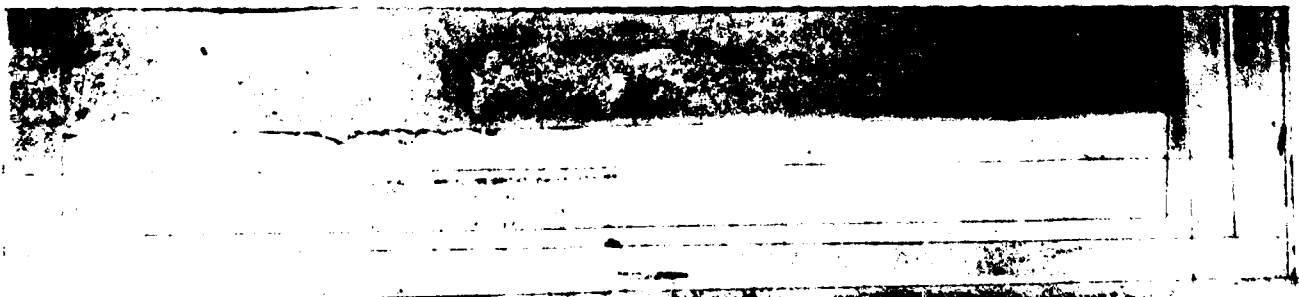
# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION	STATION NAME	YEARS	ACFT
	CLASS		HEIGHT
			FOOT (L.S.T.)
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N		•	•	•	•	•						0.6	0.6
NNE		•	•	•	•	•						0.6	0.7
NE		•	•	•	•	•						0.6	0.7
ENE		•	•	•	•	•						0.6	0.7
E	•	•	•	•	•	•	•					0.6	0.7
ESE	•	•	•	•	•	•	•					0.6	0.7
SE	•	•	•	•	•	•	•					0.6	0.6
SSE	•	•	•	•	•	•	•					0.6	0.7
S	•	•	•	•	•	•	•					0.6	0.7
SSW	•	•	•	•	•	•	•					0.6	0.7
SW	•	•	•	•	•	•	•					0.6	0.5
WSW	•	•	•	•	•	•	•	•				0.1	0.4
W	•	•	•	•	•	•	•	•				0.1	0.4
WNW	•	•	•	•	•	•	•	•				0.2	0.7
NW	•	•	•	•	•	•	•	•				0.2	0.7
NNW	•	•	•	•	•	•	•	•				0.2	0.7
VARBL												0.3	
CALM												0.3	
	4.0	3.0	2.0	1.0	0.7	0.5	0.1	0.1				0.6	0.6

TOTAL NUMBER OF OBSERVATIONS 970



U.S. AIR FORCE  
 FORM 0-8-5 (OL-A)  
 JUL 64

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
 CLASS \_\_\_\_\_  
 CONDITION \_\_\_\_\_  
 HOURS (L.S.T.) \_\_\_\_\_

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N												0.0	0.0
NNE												0.0	0.0
NE												0.0	0.0
ENE												0.0	0.0
E												0.0	0.0
ESE												0.0	0.0
SE												0.0	0.0
SSE												0.0	0.0
S												0.0	0.0
SSW												0.0	0.0
SW												0.0	0.0
WSW												0.0	0.0
W												0.0	0.0
WNW												0.0	0.0
NW												0.0	0.0
NNW												0.0	0.0
VARBL												0.0	0.0
CALM												0.0	0.0

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_ 000



CENTRAL OBSERVATORY STATION  
 1000 FT  
 1000 FT

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION	STATION NAME	YEARS	MOON
	CLASS		
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE  
 OFFICE OF  
 AIRCRAFT

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	APR MONTH
	CLASS		15-1710
	CONDITION		HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													3.5
NNE													13.2
NE													15.1
ENE													1.2
E													11.0
ESE													6.9
SE													9.8
SSE													10.9
S													12.5
SSW													13.2
SW													13.4
WSW													12.9
W													10.3
WNW													1.3
NW													14.4
NNW													10.9
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

1

ALCANTARA, LONNY, ALCH  
STATION  
STATION

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	ALCANTARA
	CLASS		MONTHS
	CONDITION		HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												12.0	12.0
NNE												12.0	12.0
NE												12.0	12.0
ENE												12.0	12.0
E												12.0	12.0
ESE												12.0	12.0
SE												12.0	12.0
SSE												12.0	12.0
S												12.0	12.0
SSW												12.0	12.0
SW												12.0	12.0
WSW												12.0	12.0
W												12.0	12.0
WNW												12.0	12.0
NW												12.0	12.0
NNW												12.0	12.0
VARBL												12.0	12.0
CALM												12.0	12.0
	3.0	11.0	11.0	34.7	5.1	1.0	1.0	1.0				100.0	12.3

TOTAL NUMBER OF OBSERVATIONS 671





U.S. AIR FORCE  
 FORM 0-8-5 (OL-A)  
 1 JUL 64

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION	STATION NAME	YEARS	MONTH
	ELL BEACH		10-1-1961
	CLASS		HOURS (L.S.T.)
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	1.7	2.6	.4	2.6	.						1.5	1.5
NNE	.	.	.	.	2.6							1.4	7.5
NE	.	.	.	.	2.6	.	.					1.5	13.0
ENE	.	.	.	.	2.6	.	.					1.3	11.7
E	.	.	.	.	2.6	.	.					1.3	14.0
ESE	.	.	.	.	2.6	.	.					3.2	11.1
SE	.	.	.	.	2.6	.	.					2.7	15.5
SSE	.	.	.	.	2.6	.	.					4.2	15.1
S	.	.	.	2.6	2.6	.	.	.	.	.	.	2.4	15.7
SSW	.	.	.	2.6	2.6	.	.	.	.	.	.	7.8	17.5
SW	.	.	.	2.6	2.6	.	.	.	.	.	.	7.3	15.9
WSW	.	.	.	2.6	2.6	.	.	.	.	.	.	3.3	15.7
W	.	.	.	2.6	2.6	.	.	.	.	.	.	2.2	8.8
WNW	.	.	.	2.6	2.6	.	.	.	.	.	.	3.6	9.5
NW	.	.	.	2.6	2.6	.	.	.	.	.	.	3.7	11.3
NNW	.	1.7	1.7	2.6	2.6	1.7	.	.	.	.	.	10.3	12.7
VARBL													
CALM												1.9	
	1.7	1.6	1.7	25.7	16.1	1.7	7.2	1.5	1.7	1.3		1.2	12.6

TOTAL NUMBER OF OBSERVATIONS 970

U.S. AIR FORCE  
 WIND DATA  
 FORM 8-5 (OL-A)

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
 CLASS \_\_\_\_\_  
 CONDITION \_\_\_\_\_  
 HOURS (L.S.T.) \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	•	•	•	•	•	•	•	•	•	•	•	1.1	1.4
NNE	•	•	•	•	•	•	•	•	•	•	•	1.1	7.9
NE	•	•	•	•	•	•	•	•	•	•	•	7.1	11.4
ENE	•	•	•	•	•	•	•	•	•	•	•	2.7	12.6
E	•	•	•	•	•	•	•	•	•	•	•	3.7	13.7
ESE	•	•	•	•	•	•	•	•	•	•	•	3.4	11.7
SE	•	•	•	•	•	•	•	•	•	•	•	2.4	13.8
SSE	•	•	•	•	•	•	•	•	•	•	•	3.9	19.2
S	•	•	•	•	•	•	•	•	•	•	•	6.9	17.2
SSW	•	•	•	•	•	•	•	•	•	•	•	8.1	15.6
SW	•	•	•	•	•	•	•	•	•	•	•	7.8	16.8
WSW	•	•	•	•	•	•	•	•	•	•	•	6.3	16.1
W	•	•	•	•	•	•	•	•	•	•	•	8.1	10.1
WNW	•	•	•	•	•	•	•	•	•	•	•	3.7	9.1
NW	•	•	•	•	•	•	•	•	•	•	•	6.3	12.6
NNW	•	•	•	•	•	•	•	•	•	•	•	7.7	13.1
VARBL	•	•	•	•	•	•	•	•	•	•	•	•	•
CALM	•	•	•	•	•	•	•	•	•	•	•	•	•
	•	•	•	•	•	•	•	•	•	•	•	•	10.6

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

1. NAME OF STATION  
2. LOCATION  
3. DATE OF OBSERVATION

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_

CLAS \_\_\_\_\_

CONDITION \_\_\_\_\_

DATE \_\_\_\_\_

TIME \_\_\_\_\_

MOON (L.S.T.) \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



OFFICE OF THE SECRETARY OF DEFENSE  
 OFFICE OF THE SECRETARY OF DEFENSE  
 OFFICE OF THE SECRETARY OF DEFENSE

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
 CLASS \_\_\_\_\_  
 CONDITION \_\_\_\_\_  
 HOURS (L.S.T.) \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 800

1. NAME OF THE STATION  
 2. LOCATION  
 3. DATE OF OBSERVATION

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

STATION	STATION NAME	YEARS	MONTH
			17-14
	CLASS		HOURS (L.S.V.)
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												14.7	13.7
NNE												14.7	13.7
NE												14.2	13.9
ENE												14.2	13.9
E												14.3	13.9
ESE												14.7	13.9
SE												14.3	13.9
SSE												14.3	13.9
S												14.9	13.9
SSW												14.9	13.9
SW												14.3	13.9
WSW												14.3	13.9
W												14.7	13.9
WNW												14.7	13.9
NW												14.9	13.9
NNW												14.9	13.9
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE  
 CLIMATE DIVISION  
 WASHINGTON, D.C.

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION	STATION NAME	YEARS	MONTH
	CLASS		HOURS (L.S.T.)
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 809

U.S. AIR FORCE  
CLIMATE DIVISION  
WIND DATA

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	NORTH
CLASS		HOURS (L.S.T.)	
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												15.7	14.0
NNE												2.2	14.5
NE												4.4	16.7
ENE												2.2	19.0
E												4.4	19.7
ESE												5.7	19.0
SE												11.0	19.0
SSE												11.0	11.0
S												11.0	15.8
SSW												11.0	12.7
SW												11.0	19.1
WSW												11.0	16.3
W												11.0	9.1
WNW												11.0	14.5
NW												11.0	13.7
NNW												11.0	4.4
VARBL												11.0	
CALM												11.0	
												11.0	13.5

TOTAL NUMBER OF OBSERVATIONS 809

GENERAL CLIMATE DATA  
 STATION NO. 100-8300  
 DATE 10-1-64

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION	STATION NAME	YEARS	SPD MONTHS
	CLASS		100-8300
	CONDITION		HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	.	.	1.7	2.1	.	.					4.7	1.8
NNE	.	.	.	.	.	.	.					7.2	9.7
NE	.	.	.	.	.	.	.	.				5.1	4.8
ENE	.	.	.	.	.	.	.					3.4	8.6
E	.	.	.	.	.	.	.					7.7	11.2
ESE	.	.	.	.	.	.	.					1.1	12.7
SE	.	.	.	.	.	.	.					7.7	13.7
SSE	.	.	.	.	.	.	.					3.7	11.2
S	.	.	.	.	.	.	.	.	.	.		10.7	16.1
SSW	.	.	.	.	.	.	.	.	.	.		1.7	17.8
SW	.	.	.	.	.	.	.	.	.	.		1.1	15.6
WSW	.	.	.	.	.	.	.	.	.	.		7.7	15.6
W	.	.	.	.	.	.	.	.	.	.		7.8	8.1
WNW	.	.	.	.	.	.	.	.	.	.		7.7	8.8
NW	.	.	.	.	.	.	.	.	.	.		1.7	11.5
NNW	.	.	.	.	.	.	.	.	.	.		1.7	13.7
VARBL													
CALM													
	.	14.6	27.7	25.1	17.7	1.7	7.7	1.1	.			11.7	12.6

TOTAL NUMBER OF OBSERVATIONS 997

GENERAL CLIMATE LOG - A-1  
 STATION NO. 1000  
 LOCATION: S. MID ATL

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

STATION	STATION NAME	YEAR	MONTH
	ALL DATA		ALL
	CLASS		HOURS (L.S.T.)
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												2.2	12.4
NNE												0.5	9.5
NE												1.2	13.7
ENE												1.3	13.2
E												3.1	12.6
ESE												3.3	12.0
SE												0.7	10.7
SSE												4.1	14.1
S												1.5	14.3
SSW												1.1	14.0
SW												0.2	16.5
WSW												0.9	15.2
W												7.6	9.9
WNW												1.2	11.7
NW												1.3	13.4
NNW												1.1	13.0
VARBL													
CALM												2.4	
													13.1

TOTAL NUMBER OF OBSERVATIONS 7197

U.S. AIR FORCE  
 USAFETAC  
 FORM 0-8-5 (OL-A)

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION	STATION NAME	YEARS	GCT MONTH
	CLIMATE		1961-1962
	CONDITION		HOURLS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												12.4	14.3
NNE												11.5	15.1
NE												3.2	16.2
ENE												3.2	16.1
E												11.1	14.6
ESE												4.1	12.7
SE												11.3	12.7
SSE												4.3	16.4
S												7.8	16.1
SSW												7.1	19.2
SW												6.1	21.6
WSW												5.9	15.1
W												11.3	11.7
WNW												11.7	11.7
NW												7.4	14.8
NNW												7.5	14.7
VARBL													
CALM												1.0	

TOTAL NUMBER OF OBSERVATIONS 57

1. ALPHABETICALLY BY NAME  
 2. BY LOCATION  
 3. BY ALTITUDE

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_

CLASS \_\_\_\_\_

CONDITION \_\_\_\_\_

DATE \_\_\_\_\_ MONTH \_\_\_\_\_

REPORT (L.S.T.) \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
VARBL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CALM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



U.S. AIR FORCE  
 WINDS  
 SURFACE WINDS

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION	STATION NAME	YEARS	067
			MONTH
			1968-1969
			HOURS (L.S.T.)
	CLASS		
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.	.	.	.	.	.	.	.	.	.	.	1.1	14.7
NNE	.	.	.	.	.	.	.	.	.	.	.	1.1	14.7
NE	.	.	.	.	.	.	.	.	.	.	.	4.6	14.7
ENE	.	.	.	.	.	.	.	.	.	.	.	4.6	14.7
E	.	.	.	.	.	.	.	.	.	.	.	4.6	14.7
ESE	.	.	.	.	.	.	.	.	.	.	.	1.1	14.7
SE	.	.	.	.	.	.	.	.	.	.	.	1.1	14.7
SSE	.	.	.	.	.	.	.	.	.	.	.	1.1	14.7
S	.	.	.	.	.	.	.	.	.	.	.	1.1	14.7
SSW	.	.	.	.	.	.	.	.	.	.	.	1.1	14.7
SW	.	.	.	.	.	.	.	.	.	.	.	1.1	14.7
WSW	.	.	.	.	.	.	.	.	.	.	.	1.1	14.7
W	.	.	.	.	.	.	.	.	.	.	.	1.1	14.7
WNW	.	.	.	.	.	.	.	.	.	.	.	1.1	14.7
NW	.	.	.	.	.	.	.	.	.	.	.	1.1	14.7
NNW	.	.	.	.	.	.	.	.	.	.	.	1.1	14.7
VARBL	.	.	.	.	.	.	.	.	.	.	.	1.1	14.7
CALM	.	.	.	.	.	.	.	.	.	.	.	1.1	14.7
	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	14.7

TOTAL NUMBER OF OBSERVATIONS 23

WIND DATA REPORT  
 FORM 0-8-5 (OL-A)  
 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION	STATION NAME	YEARS	MOON
ALL DATA CLASS			
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 776

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	LOC
ALL WEATHER			MONTH
CLASS			1900-1900
CONDITION			HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												10.7	4.9
NNE												7.3	12.6
NE												7.2	13.7
ENE												7.3	18.6
E												7.3	17.3
ESE												7.1	11.1
SE												7.2	12.0
SSE												6.3	14.0
S												6.9	16.8
SSW												7.0	17.6
SW												7.3	18.1
WSW												6.2	15.8
W												6.9	14.4
WNW												6.4	13.1
NW												7.2	10.6
NNW												7.5	17.3
VARBL													
CALM												1.7	
												6.2	15.7

TOTAL NUMBER OF OBSERVATIONS 67

U.S. AIR FORCE  
 AFM 64-100  
 1-10-64

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
 CLASS \_\_\_\_\_  
 CONDITION \_\_\_\_\_  
 HOURS (L.S.T.) \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												14.0	5.0
NNE												13.0	5.3
NE												14.0	5.4
ENE												12.0	5.2
E												15.0	5.7
ESE												11.6	5.1
SE												14.0	5.4
SSE												15.0	5.7
S												14.0	5.4
SSW												18.9	5.9
SW												17.9	5.8
WSW												16.4	5.6
W												13.0	5.3
WNW												14.7	5.5
NW												16.1	5.6
NNW												18.9	5.9
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_ 970

CLIMATE CLIMATOLOGY  
 SURFAC  
 AIR - TEMPERATURE

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION	STATION NAME	YEARS	MONTH
	CLASS		HOURS (L.S.T.)
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 07

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION	STATION NAME	YEARS	GCT MONTH
	CLASS		HOURLS (L.S.T.)
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												1.3	5.5
NNE												1.2	13.5
NE								3				1.2	16.3
ENE												1.0	10.2
E								4				1.7	10.9
ESE												1.4	10.6
SE												3.7	15.1
SSE												3.2	11.1
S												4.3	18.6
SSW								4				6.5	17.3
SW												7.2	18.7
WSW												6.2	17.7
W												3.8	13.0
WNW												1.7	1.6
NW												1.7	15.3
NNW												2.1	10.0
VARBL													
CALM													
	4.4	9.7	1.6	20.1	10.1	9.1	6.1	2.5	1.1			10.2	14.8

TOTAL NUMBER OF OBSERVATIONS 57

U.S. AIR FORCE  
 1. REPORTING OFFICE  
 2. REPORTING OFFICER

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION	STATION NAME	YEARS	CCT
			MONTH
	ALL WEATHER		ALL
	CLASS		HOURS (L.S.T.)
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												17.3	14.6
NNE												1.4	13.9
NE												1.2	15.5
ENE												3.9	17.6
E												4.7	15.1
ESE												3.1	12.7
SE												1.1	13.4
SSE												3.0	14.3
S												2.9	17.6
SSW												6.6	18.1
SW												7.1	19.5
WSW												6.6	17.6
W												8.1	13.3
WNW												5.6	11.3
NW												7.6	15.1
NNW												7.3	15.1
VARBL													
CALM												1.2	
	1.0	19.7	17.8	27.4	17.7	11.3	5.3	3.1	.6	.3		10.0	19.1

TOTAL NUMBER OF OBSERVATIONS 7470

CLIMATE DIVISION, WASHINGTON  
 OFFICE OF  
 AIR FORCE

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION	STATION NAME	YEARS	NOV
ALL DATA			MONTH
CLASS			HOURLY (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	.	1.0	1.0	1.0	1.0	1.0					1.1	19.1
NNE	.	.	1.0	1.0	1.0	1.0	1.0					6.1	13.6
NE	.	.	1.0	1.0	1.0	1.0	1.0					7.1	13.4
ENE	.	.	1.0	1.0	1.0	1.0	1.0					11.1	11.7
E	.	.	1.0	1.0	1.0	1.0	1.0					11.1	13.6
ESE	.	.	1.0	1.0	1.0	1.0	1.0					12.1	13.7
SE	.	.	1.0	1.0	1.0	1.0	1.0					13.1	14.6
SSE	.	.	1.0	1.0	1.0	1.0	1.0					13.1	14.2
S	.	.	1.0	1.0	1.0	1.0	1.0	1.0				14.1	12.7
SSW	.	.	1.0	1.0	1.0	1.0	1.0	1.0				14.1	12.3
SW	.	.	1.0	1.0	1.0	1.0	1.0	1.0				17.1	12.6
WSW	.	.	1.0	1.0	1.0	1.0	1.0	1.0				18.1	13.6
W	.	.	1.0	1.0	1.0	1.0	1.0	1.0	1.0			14.1	13.5
WNW	.	.	1.0	1.0	1.0	1.0	1.0	1.0				18.1	13.6
NW	.	.	1.0	1.0	1.0	1.0	1.0	1.0				18.1	12.7
NNW	.	.	1.0	1.0	1.0	1.0	1.0	1.0				18.1	13.6
VARBL													
CALM													
	1.0	6.1	1.0	14.3	10.4	10.4	7.0	15.9	1.5	1.6	1.0	10.1	10.4

TOTAL NUMBER OF OBSERVATIONS



U.S. AIR FORCE  
 WIND DATA  
 REPORT

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
 CLASS \_\_\_\_\_ HOURS (L.S.T.) \_\_\_\_\_  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	.	.	2.7	2.7	.	.	.				1.4	8.4
NNE	.	.	.	2.7	2.7	.	.	.				1.3	12.8
NE	.	.	.	.	.	.	.	.				1.3	15.9
ENE	.	.	.	2.7	2.7	.	.	.				1.0	17.5
E	.	.	.	2.7	2.7	.	.	.				8.3	17.5
ESE			.	2.7	2.7	.	.	.				2.3	17.7
SE			.	2.7	2.7	.	.	.				.9	13.7
SSE		.	.	2.7	2.7	.	.	1	.	1		2.5	23.7
S	.	.	.	2.7	2.7	.	.	6	3	1		7.3	21.1
SSW		.	.	2.7	2.7	.	.	6	3			4.7	22.7
SW		.	.	2.7	2.7	.	.	6	3			7.5	21.1
WSW		.	.	2.7	2.7	.	.	6	3	3		6.3	25.5
W	.	.	2.7	2.7	2.7	.	.	6	3			13.7	20.1
WNW		.	2.7	2.7	2.7	.	.	6	3			11.2	21.1
NW	.	.	2.7	2.7	2.7	.	.	1	2			5.6	16.3
NNW	.	.	2.7	2.7	2.7	1	.	1				1.8	15.7
VARBL													
CALM													
		7.5	17.7	27.7	17.7	19.3	4.9	7.6	1.6	.4		11.1	18.4

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_ 873

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

FEDERAL BUREAU OF INVESTIGATION  
 WASHINGTON, D. C. 20535  
 MAY 19 1964

# STATION

STATION NAME

**YEARS**

N. Y.

## EDMONTON

**CLASH**

### CONDITION

[illegible]

TOTAL NUMBER OF OBSERVATIONS

299

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
 11-64



UNITED STATES AIR FORCE  
OFFICE OF THE SECRETARY  
WASHINGTON, D. C. 20330

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION	STATION NAME	YEARS	MO MONTH
CLASS		MO MONTH	
CONDITION		MO MONTH	

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	.	.	.	.	.	.	.	.	.	.	18.0	15.0
NNE	.	.	.	.	.	.	.	.	.	.	.	18.0	16.0
NE	.	.	.	.	.	.	.	.	.	.	.	18.0	16.0
ENE	.	.	.	.	.	.	.	.	.	.	.	18.0	16.0
E	.	.	.	.	.	.	.	.	.	.	.	18.0	16.0
ESE	.	.	.	.	.	.	.	.	.	.	.	18.0	16.0
SE	.	.	.	.	.	.	.	.	.	.	.	18.0	16.0
SSE	.	.	.	.	.	.	.	.	.	.	.	18.0	16.0
S	.	.	.	.	.	.	.	.	.	.	.	18.0	16.0
SSW	.	.	.	.	.	.	.	.	.	.	.	18.0	16.0
SW	.	.	.	.	.	.	.	.	.	.	.	18.0	16.0
WSW	.	.	.	.	.	.	.	.	.	.	.	18.0	16.0
W	.	.	.	.	.	.	.	.	.	.	.	18.0	16.0
WNW	.	.	.	.	.	.	.	.	.	.	.	18.0	16.0
NW	.	.	.	.	.	.	.	.	.	.	.	18.0	16.0
NNW	.	.	.	.	.	.	.	.	.	.	.	18.0	16.0
VARBL	.	.	.	.	.	.	.	.	.	.	.	18.0	16.0
CALM	.	.	.	.	.	.	.	.	.	.	.	18.0	16.0

TOTAL NUMBER OF OBSERVATIONS 927

U.S. AIR FORCE  
 WIND DATA  
 REPORT

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION NO. 4 STATION NAME STATION YEARS NOV  
 MONTH NOV  
 CLAS 10-14  
 HOURS (L.S.T.) 1000  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												1.0	10.0
NNE												4.0	10.0
NE												1.0	10.0
ENE												1.0	10.0
E												1.0	17.0
ESE												1.0	19.0
SE												1.0	19.0
SSE												1.0	18.0
S												1.0	18.0
SSW												1.0	18.0
SW												1.0	18.0
WSW												1.0	18.0
W												1.0	19.0
WNW												1.0	12.0
NW												1.0	12.0
NNW												1.0	17.0
VARBL												1.0	
CALM												1.0	
												1.0	13.3

TOTAL NUMBER OF OBSERVATIONS 800

1. AL CLIMATE FORM 10-1  
2. 10-10-10  
3. 10-10-10

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_

NOV \_\_\_\_\_

DEC \_\_\_\_\_

CLAS \_\_\_\_\_

CONDITION \_\_\_\_\_

HOURS (L.S.T.) \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												10.0	6.1
NNE												10.0	10.0
NE												10.0	16.0
ENE												10.0	17.0
E												10.0	18.0
ESE												10.0	20.0
SE												10.0	17.0
SSE												10.0	18.0
S												10.0	22.0
SSW												10.0	23.0
SW												10.0	22.0
WSW												10.0	22.0
W												10.0	19.0
WNW												10.0	11.0
NW												10.0	20.0
NNW												10.0	18.0
VARBL												10.0	
CALM												10.0	
	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

TOTAL NUMBER OF OBSERVATIONS 807

OFFICIAL CLIMATE DATA  
 REPORT  
 FORM 0-8-5 (OL-A)

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MOON
			DOOTH
	CLASS		7-100
	CONDITION		HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	.	.	2.7	7.7	16.7	1.7	.				1.4	6.7
NNE		.	.	.	.	.	.	.				.6	15.5
NE	.	.	.	.	.	.	.	.				1.5	13.5
ENE	.	.	.	.	7	.	.					7.5	15.8
E	.	.	.	.	.	.	.					7.5	15.3
ESE		.	.	.	.	.	.					.1	17.6
SE	.	.	.	.	.	.	.	.				.2	15.5
SSE		.	.	.	.	.	.	.	.			.1	23.4
S	.	.	.	.	.	.	.	1.	.			1.1	24.2
SSW		.	.	.	.	.	.	.	.	.		3.9	26.5
SW	.	.	.	.	1.	.	.	.		.	.	6.7	22.7
WSW	.	.	.	.	1.	1.	1.6	1.	.	.		3.7	22.1
W	.	.	.	7.1	7.7	1.	1.	1.8	.			10.4	19.7
WNW	.	.	.	.	.	.	.	.	.	.		3.5	13.4
NW		.	.	1.7	1.7	1.7	.	.	.	.		.1	19.6
NNW		.	7.1	1.5	1.8	1.1	.3					1.5	15.5
VARBL													
CALM												1.6	

TOTAL NUMBER OF OBSERVATIONS 897

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION

STATION NAME

YEAR

NOV

NOV 78

CLASS

NOV (L S V)

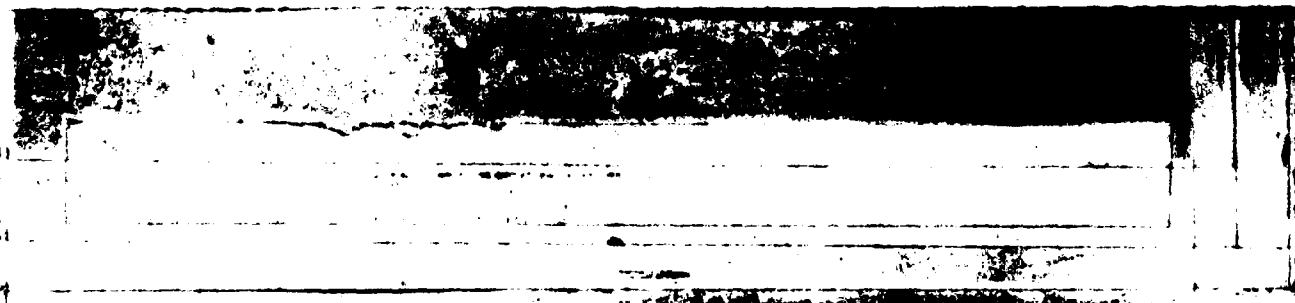
LOCATION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

397

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION                      STATION NAME                      YEARS                      MONTH                     

DATE                      CLASS                      HOURS (L.S.T.)                     

CONDITION                     

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												13.9	6.0
NNE												4.9	15.0
NE												.4	16.0
ENE												2.2	17.7
E												3.5	17.5
ESE												5.3	18.6
SE												1.3	16.7
SSE												3.6	22.5
S												5.0	22.3
SSW												5.5	21.6
SW												6.3	21.6
WSW												6.6	22.7
W												12.2	19.7
WNW												6.2	13.0
NW												7.1	13.6
NNW												3.3	16.5
VARBL													
CALM												1.2	
												100.0	14.7

TOTAL NUMBER OF OBSERVATIONS 1187



U.S. AIR FORCE  
 WINDTAC  
 WINDTAC

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
 DATE \_\_\_\_\_  
 CLASS \_\_\_\_\_  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												10.3	15.5
NNE												9.7	16.4
NE												8.6	17.9
ENE												7.3	18.8
E												5.7	16.1
ESE												2.9	15.1
SE												3.1	18.9
SSE												2.7	19.1
S												3.2	23.0
SSW												4.4	25.6
SW												6.6	24.4
WSW												5.3	24.1
W												5.4	20.1
WNW												5.9	13.1
NW												5.2	15.1
NNW												5.6	15.7
VARBL													
CALM												1.5	
												10.2	18.2

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

GENERAL CLIMATE LOG SHEET  
 1. STATION  
 2. DATE

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_

CLASS \_\_\_\_\_

CONDITION \_\_\_\_\_

DATE \_\_\_\_\_

MOON (L.S.T.) \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N					2.7	2.7	1.1					13.3	3.5
NNE					2.3	1.1	1.1	1.1				11.6	3.7
NE					2.7	1.1	1.1	1.1				11.6	3.7
ENE					2.7	1.1	1.1	1.1				11.6	3.7
E					1.1	1.1	1.1	1.1				11.6	3.7
ESE					1.1	1.1	1.1	1.1				11.6	3.7
SE					1.1	1.1	1.1	1.1				11.6	3.7
SSE					1.1	1.1	1.1	1.1				11.6	3.7
S					1.1	1.1	1.1	1.1				11.6	3.7
SSW					1.1	1.1	1.1	1.1				11.6	3.7
SW					1.1	1.1	1.1	1.1				11.6	3.7
WSW					1.1	1.1	1.1	1.1				11.6	3.7
W					1.1	1.1	1.1	1.1				11.6	3.7
WNW					1.1	1.1	1.1	1.1				11.6	3.7
NW					1.1	1.1	1.1	1.1				11.6	3.7
NNW					1.1	1.1	1.1	1.1				11.6	3.7
VARBL													
CALM												11.6	

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

1. STATION NAME  
2. LOCATION  
3. DATE

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ DEC \_\_\_\_\_  
 MONTH \_\_\_\_\_  
 19-1800  
 HOURS (L.S.T.) \_\_\_\_\_  
 ALL WEATHER \_\_\_\_\_  
 CLASS \_\_\_\_\_  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												13.2	15.7
NNE												1.7	17.7
NE												7.5	18.1
ENE												1.7	19.3
E												1.5	17.5
ESE												3.4	17.5
SE												5.7	14.1
SSE												1.9	14.2
S												5.7	11.4
SSW												5.5	16.7
SW												4.3	15.1
WSW												4.7	15.2
W												8.4	18.3
WNW												6.1	15.3
NW												5.5	12.4
NNW												5.2	17.4
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 47

U.S. AIR FORCE  
 10-10-64  
 10-10-64

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

STATION 10-10-64 STATION NAME 10-10-64 YEARS 10-10-64 MONTH 10-10-64  
 CLASS 10-10-64  
 CONDITION 10-10-64

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												10.4	10.6
NNE												9.2	10.1
NE												8.5	10.8
ENE												7.4	10.1
E												5.9	10.2
ESE												7.9	17.3
SE												8.7	19.0
SSE												8.1	22.0
S												3.8	24.0
SSW												4.3	26.5
SW												1.5	23.1
WSW												5.8	24.5
W												6.3	17.8
WNW												5.7	14.2
NW												5.5	13.2
NNW												5.7	16.3
VARBL													
CALM												1.1	
												10.1	18.3

TOTAL NUMBER OF OBSERVATIONS 930

U.S. AIR FORCE  
CENTRAL CLIMATOLOGY BRANCH  
USAFETAC  
ATC/STATION/COMVIZ/AL

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
 CLASS \_\_\_\_\_  
 CONDITION \_\_\_\_\_  
 60-1400  
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												4.7	6.6
NNE												4.4	17.0
NE												8.6	18.4
ENE												7.7	17.0
E												7.5	17.0
ESE												7.1	19.1
SE												7.7	16.7
SSE												7.0	22.6
S												3.5	23.0
SSW												5.7	26.9
SW												4.7	23.2
WSW												5.9	24.7
W												6.5	19.2
WNW												6.1	13.5
NW												4.5	14.0
NNW												5.7	16.2
VARBL													
CALM												1.7	
												100.0	18.4

TOTAL NUMBER OF OBSERVATIONS 970

GENERAL OBSERVATIONS  
 STATION NAME  
 DATE

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: \_\_\_\_\_ YEARS: \_\_\_\_\_ MONTH: \_\_\_\_\_  
 CLASS: \_\_\_\_\_  
 CONDITION: \_\_\_\_\_  
 DATE: \_\_\_\_\_ HOURS (L.S.T.): \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												15.2	6.6
NNE												15.4	17.3
NE												15.7	18.6
ENE												16.1	17.1
E												16.1	18.0
ESE												16.9	18.6
SE												16.5	17.8
SSE												16.2	17.1
S												16.9	17.6
SSW												16.2	17.6
SW												16.5	21.6
WSW												16.5	22.4
W												16.3	16.9
WNW												16.2	14.2
NW												16.5	15.0
NNW												16.5	16.5
VARBL													
CALM													
	1.1	1.5	13.7	21.8	23.7	18.1	7.7	5.1	2.4	1.2		100.0	16.1

TOTAL NUMBER OF OBSERVATIONS

97

GENERAL CLIMATE DATA FORM  
 USAFETAC  
 0-8-5 (OL-A)

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_  
 ALL DATA \_\_\_\_\_  
 CLASS \_\_\_\_\_  
 CONDITION \_\_\_\_\_  
 DEC \_\_\_\_\_  
 MONTH \_\_\_\_\_  
 HOURS (L.S.T.) \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_





1  
 1. STATION NAME  
 2. DATE  
 3. TIME

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: \_\_\_\_\_ YEARS: \_\_\_\_\_ MONTH: \_\_\_\_\_  
 CLASS: \_\_\_\_\_  
 CONDITION: \_\_\_\_\_  
 ALL  
 HOURS (L.S.T.): \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												1.2	16.4
NNE												1.3	16.1
NE												1.9	17.0
ENE												7.9	18.0
E												5.0	17.0
ESE												3.7	19.0
SE												2.1	17.0
SSE												2.6	17.0
S												3.0	22.4
SSW												4.0	27.0
SW												8.6	23.3
WSW												5.7	23.3
W												6.0	16.0
WNW												1.0	17.0
NW												1.0	14.4
NNW												5.1	16.5
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS: 144

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	ALL MONTHS
CLASS			ALL HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												14.2	14.2
NNE												14.7	14.7
NE												15.7	15.7
ENE												15.7	15.7
E												14.7	14.7
ESE												14.5	14.5
SE												14.0	14.0
SSE												15.0	15.0
S												15.7	15.7
SSW												17.3	17.3
SW												16.7	16.7
WSW												13.8	13.8
W												12.1	12.1
WNW												14.3	14.3
NW												14.5	14.5
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 87625

STATION NAME  
STATION NO.  
STATION TYPE

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

STATION	STATION NAME	YEARS	ALL MONTH
INSTRUMENT			ALL HOURS (L.S.T.)
CLASS			
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												2.0	15.5
NNE												1.5	16.7
NE												1.3	17.2
ENE												1.4	17.1
E												1.5	16.4
ESE												1.2	16.2
SE												1.4	16.1
SSE												1.1	17.6
S												1.8	17.9
SSW												1.8	18.7
SW												1.7	17.1
WSW												1.6	15.7
W												1.8	12.8
WNW												1.1	14.1
NW												1.0	17.2
NNW												1.5	15.8
VARBL													
CALM												1.1	
	1.0	1.1	1.2	1.9	1.0	1.4	1.6	1.0	1.7	1.3	1.0	10.1	16.3

TOTAL NUMBER OF OBSERVATIONS 21677

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968. For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the  $\geq 10$  mi visibility category should be used with great caution.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	$\geq 10$	$\geq 6$	$\geq 5$	$\geq 4$	$\geq 3$	$\geq 2\frac{1}{2}$	$\geq 2$	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	$\geq 1$	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq 5/16$	$\geq \frac{1}{8}$	$\geq 0$
NO CEILING																
$\geq 1800$																
$\geq 1500$					91.0											92.6
$\geq 1200$																
$\geq 1000$																
$\geq 900$																
$\geq 800$																
$\geq 700$																
$\geq 600$																
$\geq 500$										97.4						98.1
$\geq 400$																
$\geq 300$																
$\geq 200$																
$\geq 100$																
$\geq 0$					95.4		96.9			98.3						100.0

EXAMPLE # 1 Head ceiling values independently of visibility under column at right headed  $\geq 0$ .  
For instance, from the table: Ceiling  $\geq 1500$  feet = 92.6%.  
Ceiling  $\geq 500$  feet = 98.1%.

EXAMPLE # 2 Head visibilities independently of ceilings on bottom line opposite  $\geq 0$ . From the table:  
Visibility  $\geq 3$  miles = 95.4%.  
Visibility  $\geq 2$  miles = 96.9%.  
Visibility  $\geq 1$  mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling  $\geq 1500$  feet with visibility  $\geq 3$  miles = 91.0%.

#### ADDITIONAL EXAMPLES

##### EXAMPLE # 4

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling  $< 1500$  feet and/or visibility  $< 3$  miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling  $< 1500$  feet and/or visibility  $< 3$  miles.

Likewise, the percentage of observations with ceiling  $< 500$  feet and/or visibility  $< 1$  mile is 2.6, obtained by subtracting 97.4 from 100.0.

##### EXAMPLE # 5

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of  $\geq 1500$  feet with  $\geq 3$  miles, subtracted from 97.4 read from the table at the intersection of  $\geq 500$  feet with  $\geq 1$  mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling  $\geq 500$  feet with visibility  $\geq 1$  mile, but  $< 3$  miles; or ceiling  $\geq 500$  feet, but  $< 1500$  feet with visibility  $\geq 1$  mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

## CEILING VERSUS VISIBILITY

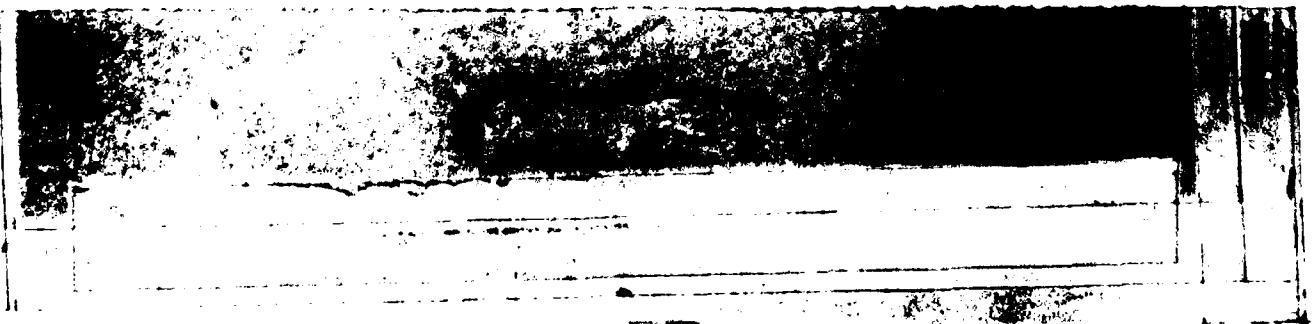
1992

MONTHS

~~1000-2200~~  
MOULDS 151

TOTAL NUMBER OF OBSERVATIONS 93

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
ETAC/ETAC  
AIR WEATHER SERVICE/NAO

# CEILING VERSUS VISIBILITY

STATION: 14 SUEVA AFB AK STATION NAME: 14-57 YEARS: JAN MONTH: 0700-0500 HOURS

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.25	≥.2	≥.16	≥.1
NO CEILING	1.3	15.3	15.0	15.8	16.6	16.6	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
≥ 20000	1.3	15.9	16.5	16.5	17.2	17.2	17.7	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
≥ 18000	1.3	15.2	16.5	16.8	17.5	17.5	17.6	17.6	17.4	17.7	17.6	17.6	17.6	17.6	17.6	17.6
≥ 16000	1.3	15.2	16.8	16.8	17.5	17.5	17.6	17.6	17.6	17.3	17.6	17.6	17.6	17.6	17.6	17.6
≥ 14000	1.3	15.7	17.2	17.2	19.0	18.0	19.1	19.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 12000	1.3	16.3	17.3	17.3	19.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
≥ 10000	1.3	16.7	17.3	17.3	19.1	18.1	18.2	18.2	18.2	19.2	19.2	18.2	18.2	18.2	18.2	18.2
≥ 9000	1.3	16.9	17.4	17.4	19.2	18.2	18.3	18.3	18.3	19.2	19.2	18.3	18.3	18.3	18.3	18.3
≥ 8000	1.3	17.3	18.4	18.4	19.1	19.1	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
≥ 7000	1.3	17.4	19.0	19.9	19.8	19.8	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
≥ 6000	1.3	17.9	19.5	19.5	20.3	20.3	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
≥ 5000	1.3	18.4	21.1	21.1	21.8	21.9	22.3	22.2	22.2	22.2	22.2	22.2	22.2	22.3	22.3	22.3
≥ 4500	1.3	21.5	23.3	23.5	24.4	24.5	24.7	24.9	24.9	24.9	24.9	24.9	25.1	25.1	25.1	25.1
≥ 4000	2.7	21.9	31.7	31.5	32.6	32.7	32.9	33.1	33.1	33.1	33.2	33.2	33.3	33.3	33.3	33.3
≥ 3500	2.2	31.1	38.3	39.2	40.4	40.5	40.9	41.1	41.1	41.1	41.3	41.3	41.4	41.4	41.4	41.4
≥ 3000	2.7	41.4	46.1	46.9	48.4	48.6	48.9	49.4	49.5	49.6	49.9	49.9	50.0	50.0	50.0	50.0
≥ 2500	2.3	51.0	54.7	55.7	57.6	57.8	58.5	59.1	59.2	59.5	59.8	59.8	59.9	59.9	59.9	59.9
≥ 2000	2.4	51.1	64.2	65.5	65.3	67.7	69.4	71.0	71.2	71.5	71.9	71.9	72.7	72.0	72.0	72.0
≥ 1800	2.7	61.2	65.5	66.7	69.0	70.3	71.6	72.4	72.6	72.9	73.3	73.3	73.4	73.4	73.4	73.4
≥ 1500	2.3	64.3	72.1	71.5	74.9	75.4	76.2	78.1	78.3	79.1	79.7	79.7	79.8	79.9	80.0	80.0
≥ 1200	2.4	67.7	77.9	75.5	77.6	80.0	81.2	83.1	83.5	84.3	85.1	85.1	85.2	85.3	85.4	85.4
≥ 1000	2.6	61.6	75.9	77.6	82.2	82.7	84.6	86.7	87.3	88.0	88.7	88.7	88.8	88.9	89.0	89.0
≥ 900	2.6	69.9	76.2	78.0	82.5	83.7	84.9	87.7	87.5	88.6	89.4	89.4	89.5	89.6	89.7	89.7
≥ 800	2.6	71.2	78.4	80.1	84.8	85.4	87.4	89.7	90.2	91.3	92.0	92.0	92.3	92.3	92.6	92.6
≥ 700	2.9	71.4	79.7	82.8	86.1	86.7	88.8	91.3	92.0	93.2	94.0	94.0	94.1	94.2	94.5	94.5
≥ 600	2.9	71.6	79.2	81.2	87.3	88.2	90.4	92.9	93.7	94.8	95.6	95.6	95.8	95.9	96.2	96.2
≥ 500	2.7	71.9	80.0	81.9	88.6	89.6	91.9	94.5	95.3	96.6	97.4	97.4	97.8	98.0	98.6	98.7
≥ 400	2.6	71.9	81.0	81.9	88.8	89.8	92.2	94.8	95.6	97.1	98.3	98.3	98.8	99.0	99.7	99.8
≥ 300	2.6	71.9	81.0	81.9	88.8	89.8	92.2	94.8	95.6	97.1	98.3	98.3	98.8	99.0	99.7	99.8
≥ 200	2.6	71.9	81.0	81.9	88.8	89.8	92.2	94.8	95.6	97.1	98.3	98.3	98.8	99.0	99.7	99.8
≥ 100	2.6	71.9	81.0	81.9	88.8	89.8	92.2	94.8	95.6	97.1	98.3	98.3	98.8	99.0	99.7	99.8
≥ 0	2.6	71.9	81.0	81.9	88.8	89.8	92.2	94.8	95.6	97.1	98.3	98.3	98.8	99.0	99.7	99.8

TOTAL NUMBER OF OBSERVATIONS 930



U.S. AIR FORCE  
CLIMATE BRANCH  
ATLANTA, GEORGIA 30334

# CEILING VERSUS VISIBILITY

STATION NO. 4 STATION NAME LITTLE ROCK, ARK. YEAR 74-75 MONTH JAN  
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) 6000-6800 HOURS (EST)

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .8	≥ .6	≥ .5	≥ .4	≥ .3	≥ .2
NO CEILING	4.4	1.9	16.7	16.2	16.7	16.7	16.7	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥ 20000	1.3	1.3	16.7	16.5	16.7	16.7	16.7	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥ 18000	1.3	1.1	16.8	16.8	17.2	17.2	17.3	17.2	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
≥ 16000	1.3	1.1	16.7	16.9	17.3	17.3	17.3	17.3	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 14000	1.3	1.1	16.7	16.9	17.3	17.3	17.3	17.3	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 12000	1.3	1.1	16.7	16.9	17.3	17.3	17.3	17.3	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 10000	1.3	1.5	16.9	17.1	17.5	17.5	17.5	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6
≥ 9000	1.3	1.5	16.9	17.1	17.5	17.5	17.5	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6
≥ 8000	1.4	1.2	17.6	17.8	18.4	18.4	18.4	18.4	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
≥ 7000	1.4	1.2	18.7	18.8	19.9	19.9	19.9	19.9	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
≥ 6000	1.4	1.4	19.8	20.1	21.0	21.0	21.0	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
≥ 5000	1.4	1.5	21.7	22.1	23.1	23.1	23.2	23.2	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥ 4500	1.4	1.4	24.1	24.7	25.2	25.7	26.0	26.6	26.6	26.7	26.7	26.7	26.7	26.7	26.7	26.7
≥ 4000	1.4	1.2	31.7	33.1	34.5	34.5	34.9	34.8	34.8	35.1	35.1	35.1	35.2	35.2	35.2	35.2
≥ 3500	1.4	1.7	32.1	32.9	33.9	34.5	34.9	34.8	34.8	35.1	35.1	35.1	35.2	35.2	35.2	35.2
≥ 3000	2.1	4.1	44.4	45.6	47.6	47.6	48.1	48.4	48.6	48.7	48.7	48.7	48.8	48.8	48.8	48.8
≥ 2500	2.1	4.9	53.8	54.8	57.4	57.4	57.7	58.2	58.4	58.5	58.5	58.5	58.7	58.7	58.7	58.7
≥ 2000	3.1	5.9	63.3	65.3	68.9	68.9	69.5	70.4	70.9	71.0	71.0	71.0	71.2	71.2	71.3	71.3
≥ 1800	3.1	5.6	65.2	67.3	71.2	71.2	71.7	72.8	73.1	73.2	73.3	73.3	73.5	73.5	73.7	73.7
≥ 1500	3.1	6.3	69.4	71.0	75.4	75.4	76.2	77.6	78.1	78.5	78.6	78.6	79.2	79.1	79.2	79.2
≥ 1200	3.3	16.1	71.8	74.5	79.6	79.6	80.8	82.3	82.7	83.1	83.3	83.3	83.9	84.1	84.1	84.1
≥ 1000	3.3	16.1	74.1	77.1	82.5	82.5	84.1	86.1	86.6	87.1	87.5	87.5	88.1	88.2	88.3	88.3
≥ 900	3.3	16.7	74.9	77.8	83.5	83.5	85.2	87.3	88.1	88.5	88.9	88.9	89.5	89.6	89.7	89.7
≥ 800	3.3	16.7	76.2	79.2	85.2	85.2	87.7	89.2	90.0	90.6	91.1	91.1	91.6	91.7	91.8	91.8
≥ 700	3.3	16.8	77.1	80.1	87.0	87.0	88.8	91.1	91.8	92.6	93.2	93.2	93.9	94.0	94.1	94.1
≥ 600	3.3	16.8	77.8	81.5	88.9	88.9	91.4	93.8	94.5	95.4	96.1	96.0	96.9	97.0	97.1	97.1
≥ 500	3.3	16.8	78.2	81.8	89.6	89.6	92.4	95.2	96.0	97.4	98.2	98.2	99.0	99.2	99.7	99.7
≥ 400	3.3	16.8	78.2	81.8	89.6	89.6	92.4	95.2	96.0	97.4	98.2	98.2	99.0	99.2	99.7	99.7
≥ 300	3.3	16.8	78.2	81.8	89.6	89.6	92.4	95.2	96.0	97.4	98.2	98.2	99.0	99.2	99.7	99.7
≥ 200	3.3	16.8	78.2	81.8	89.6	89.6	92.4	95.2	96.0	97.4	98.2	98.2	99.0	99.2	99.7	99.7
≥ 100	3.3	16.8	78.2	81.8	89.6	89.6	92.4	95.2	96.0	97.4	98.2	98.2	99.0	99.2	99.7	99.7
≥ 0	3.3	16.8	78.2	81.8	89.6	89.6	92.4	95.2	96.0	97.4	98.2	98.2	99.0	99.2	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION 74-03  
STATION NAME

74-03

YEARS

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

900-1101  
HOURS 151

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
≥ 20000	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
≥ 18000	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
≥ 16000	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
≥ 14000	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
≥ 12000	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
≥ 10000	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
≥ 8000	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
≥ 6000	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
≥ 5000	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
≥ 4500	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
≥ 4000	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
≥ 3500	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
≥ 3000	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
≥ 2500	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
≥ 2000	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
≥ 1800	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
≥ 1500	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
≥ 1200	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
≥ 1000	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
≥ 900	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
≥ 800	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
≥ 700	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
≥ 600	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
≥ 500	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
≥ 400	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
≥ 300	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
≥ 200	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
≥ 100	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
≥ 0	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR STATION SERVICE AREA

# CEILING VERSUS VISIBILITY

STATION: WHEELER AIR FB STATION NAME: WHEELER YEAR: 1967 MONTH: JAN  
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) 1200-1400 HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	<1	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12	10
1000	0.0	0.0	17.0	14.0	10.0	14.0	16.0	4.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
900	0.0	0.0	17.0	14.0	10.0	14.0	16.0	4.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
800	0.0	0.0	17.0	14.0	10.0	14.0	16.0	4.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
700	0.0	0.0	17.0	14.0	10.0	14.0	16.0	4.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
600	0.0	0.0	17.0	14.0	10.0	14.0	16.0	4.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
500	0.0	0.0	17.0	14.0	10.0	14.0	16.0	4.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
400	0.0	0.0	17.0	14.0	10.0	14.0	16.0	4.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
300	0.0	0.0	17.0	14.0	10.0	14.0	16.0	4.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
200	0.0	0.0	17.0	14.0	10.0	14.0	16.0	4.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
100	0.0	0.0	17.0	14.0	10.0	14.0	16.0	4.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
0	0.0	0.0	17.0	14.0	10.0	14.0	16.0	4.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
900	0.0	0.0	17.0	14.0	10.0	14.0	16.0	4.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
800	0.0	0.0	17.0	14.0	10.0	14.0	16.0	4.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
700	0.0	0.0	17.0	14.0	10.0	14.0	16.0	4.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
600	0.0	0.0	17.0	14.0	10.0	14.0	16.0	4.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
500	0.0	0.0	17.0	14.0	10.0	14.0	16.0	4.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
400	0.0	0.0	17.0	14.0	10.0	14.0	16.0	4.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
300	0.0	0.0	17.0	14.0	10.0	14.0	16.0	4.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
200	0.0	0.0	17.0	14.0	10.0	14.0	16.0	4.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
100	0.0	0.0	17.0	14.0	10.0	14.0	16.0	4.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
0	0.0	0.0	17.0	14.0	10.0	14.0	16.0	4.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
900	0.0	0.0	17.0	14.0	10.0	14.0	16.0	4.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
800	0.0	0.0	17.0	14.0	10.0	14.0	16.0	4.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
700	0.0	0.0	17.0	14.0	10.0	14.0	16.0	4.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
600	0.0	0.0	17.0	14.0	10.0	14.0	16.0	4.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
500	0.0	0.0	17.0	14.0	10.0	14.0	16.0	4.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
400	0.0	0.0	17.0	14.0	10.0	14.0	16.0	4.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
300	0.0	0.0	17.0	14.0	10.0	14.0	16.0	4.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
200	0.0	0.0	17.0	14.0	10.0	14.0	16.0	4.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
100	0.0	0.0	17.0	14.0	10.0	14.0	16.0	4.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
0	0.0	0.0	17.0	14.0	10.0	14.0	16.0	4.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATE CLIMATOLOGY BRANCH  
ETAC  
AIR WEATHER SERVICE/AD

## CEILING VERSUS VISIBILITY

STATION 14 SIENNA AFB AR STATION NAME 74-ET YEARS 15-16-17-18  
HOURS 151

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.25	≥.2	≥.16	≥.1
NO CEILING	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
≥20000	11.4	11.4	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
≥18000	11.4	11.4	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
≥16000	11.4	11.4	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
≥14000	11.4	11.4	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
≥12000	11.4	11.4	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
≥10000	11.4	11.4	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
≥9000	11.4	11.4	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
≥8000	11.4	11.4	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
≥7000	11.4	11.4	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
≥6000	11.4	11.4	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
≥5000	11.4	11.4	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
≥4500	11.4	11.4	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
≥4000	11.4	11.4	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
≥3500	11.4	11.4	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
≥3000	11.4	11.4	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
≥2500	11.4	11.4	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
≥2000	11.4	11.4	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
≥1500	11.4	11.4	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
≥1000	11.4	11.4	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
≥900	11.4	11.4	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
≥800	11.4	11.4	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
≥700	11.4	11.4	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
≥600	11.4	11.4	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
≥500	11.4	11.4	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
≥400	11.4	11.4	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
≥300	11.4	11.4	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
≥200	11.4	11.4	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
≥100	11.4	11.4	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
≥0	11.4	11.4	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7

TOTAL NUMBER OF OBSERVATIONS 929

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH  
USAF ETAC  
AT WEATHER SERVICE/AC

## CEILING VERSUS VISIBILITY

STATION

STATION NAME

STATION

YEARS

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS

CEILING FEET	VISIBILITY STATUTE MILES																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ .05	≥ .02	≥ 0
NO CEILING	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
≥ 20000	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
≥ 18000	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
≥ 16000	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
≥ 14000	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
≥ 12000	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
≥ 10000	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
≥ 8000	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
≥ 6000	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
≥ 5000	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
≥ 4500	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
≥ 4000	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
≥ 3500	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
≥ 3000	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
≥ 2500	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
≥ 2000	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
≥ 1800	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
≥ 1500	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
≥ 1200	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
≥ 1000	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
≥ 900	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
≥ 800	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
≥ 700	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
≥ 600	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
≥ 500	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
≥ 400	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
≥ 300	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
≥ 200	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
≥ 100	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
≥ 0	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1

TOTAL NUMBER OF OBSERVATIONS

970

USAF ETAC FORM 101-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATE DATA CENTER  
 WAFB  
 AIR WEATHER SERVICE / AC

# CEILING VERSUS VISIBILITY

STATION  
 WAFB

DATE  
 1-1-79

STATION NAME  
 WAFB

DATE  
 1-1-79

YEARS  
 1-1-79

MONTH  
 JAN

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1-1-79-2-30-79  
 HOURS

CEILING FEET	VISIBILITY STATUTE MILES														
	20	20	25	24	23	22	21	20	19	18	17	16	15	14	13
20000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
900	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
700	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS 931

GENERAL CRYPTANALYTICAL BRANCH  
 WASHINGTON  
 AIR FORCE AT

# CEILING VERSUS VISIBILITY

STATION NAME

YEAR

1941

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥.005
≥ 20000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥ 18000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥ 16000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥ 14000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥ 12000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥ 10000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥ 8000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥ 6000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥ 4000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥ 2000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥ 1000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥ 500	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥ 200	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥ 100	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥ 50	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥ 20	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥ 10	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥ 5	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥ 2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥ 1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥ .5	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥ .25	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥ .1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥ .05	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥ .025	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥ .01	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥ .005	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

TOTAL NUMBER OF OBSERVATIONS 7439

USAF ETAC FORM 10-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATE DATA CENTER  
USAF ETAC  
AIR STATION: S. VICTORAC

# CEILING VERSUS VISIBILITY

STATION: S. VICTORAC

STATION NAME

YEAR: 1964

YEAR

FEET

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

100-0200  
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
≥20000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥18000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥16000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥14000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥12000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥10000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥9000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥8000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥7000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥6000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥5000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥4500	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥4000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥3500	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥3000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥2500	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥2000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥1800	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥1600	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥1400	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥1200	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥1000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥900	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥800	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥700	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥600	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥500	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥400	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥300	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥200	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥100	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥0	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3

TOTAL NUMBER OF OBSERVATIONS 846



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AFAC

## CEILING VERSUS VISIBILITY

STATION: AFAC STATION NAME: AFAC YEARS: 14-57 FEE: 700-5500  
MONTH: 1-12

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	1.4	1.5	1.9	2.2	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
≥ 20000	1.4	1.5	1.9	2.2	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
≥ 18000	1.4	1.5	1.9	2.2	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
≥ 16000	1.4	1.5	1.9	2.2	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
≥ 14000	1.4	1.5	1.9	2.2	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
≥ 12000	1.4	1.5	1.9	2.2	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
≥ 10000	1.4	1.5	1.9	2.2	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
≥ 9000	1.4	1.5	1.9	2.2	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
≥ 8000	1.4	1.5	1.9	2.2	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
≥ 7000	1.4	1.5	1.9	2.2	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
≥ 6000	1.4	1.5	1.9	2.2	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
≥ 5000	1.4	1.5	1.9	2.2	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
≥ 4500	1.4	1.5	1.9	2.2	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
≥ 4000	1.4	1.5	1.9	2.2	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
≥ 3500	1.4	1.5	1.9	2.2	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
≥ 3000	1.4	1.5	1.9	2.2	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
≥ 2500	1.4	1.5	1.9	2.2	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
≥ 2000	1.4	1.5	1.9	2.2	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
≥ 1800	1.4	1.5	1.9	2.2	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
≥ 1600	1.4	1.5	1.9	2.2	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
≥ 1400	1.4	1.5	1.9	2.2	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
≥ 1200	1.4	1.5	1.9	2.2	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
≥ 1000	1.4	1.5	1.9	2.2	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
≥ 900	1.4	1.5	1.9	2.2	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
≥ 800	1.4	1.5	1.9	2.2	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
≥ 700	1.4	1.5	1.9	2.2	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
≥ 600	1.4	1.5	1.9	2.2	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
≥ 500	1.4	1.5	1.9	2.2	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
≥ 400	1.4	1.5	1.9	2.2	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
≥ 300	1.4	1.5	1.9	2.2	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
≥ 200	1.4	1.5	1.9	2.2	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
≥ 100	1.4	1.5	1.9	2.2	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
≥ 0	1.4	1.5	1.9	2.2	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4

TOTAL NUMBER OF OBSERVATIONS: 896

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH  
USAF ETAC  
ATTN: WEATHER SERVICE/ANAC

## CEILING VERSUS VISIBILITY

STATION  
14-14

STATION NAME  
SHERMAN AFB AR

YEAR  
74-75

PERIOD  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

600-0800  
HOURS LST

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	1.4	1.4	1.4	16.4	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥20000	1.4	1.4	1.4	16.4	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥18000	1.4	1.4	1.4	16.4	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥16000	1.4	1.4	1.4	16.4	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥14000	1.4	1.4	1.4	16.4	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥12000	1.4	1.4	1.4	16.4	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥10000	1.4	1.4	1.4	16.4	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥9000	1.4	1.4	1.4	16.4	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥8000	1.4	1.4	1.4	16.4	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥7000	1.4	1.4	1.4	16.4	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥6000	1.4	1.4	1.4	16.4	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥5000	1.4	1.4	1.4	16.4	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥4500	1.4	1.4	1.4	16.4	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥4000	1.4	1.4	1.4	16.4	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥3500	1.4	1.4	1.4	16.4	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥3000	1.4	1.4	1.4	16.4	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥2500	1.4	1.4	1.4	16.4	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥2000	1.4	1.4	1.4	16.4	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥1800	1.4	1.4	1.4	16.4	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥1500	1.4	1.4	1.4	16.4	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥1200	1.4	1.4	1.4	16.4	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥1000	1.4	1.4	1.4	16.4	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥900	1.4	1.4	1.4	16.4	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥800	1.4	1.4	1.4	16.4	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥700	1.4	1.4	1.4	16.4	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥600	1.4	1.4	1.4	16.4	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥500	1.4	1.4	1.4	16.4	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥400	1.4	1.4	1.4	16.4	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥300	1.4	1.4	1.4	16.4	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥200	1.4	1.4	1.4	16.4	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥100	1.4	1.4	1.4	16.4	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥0	1.4	1.4	1.4	16.4	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8

TOTAL NUMBER OF OBSERVATIONS

846

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AT WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

STATION NO. 14-5 STATION NAME INDIANA AFB YEARS 1945-1957 FFP 1958

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

210-1100  
COUNT

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 20000	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 18000	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 16000	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 14000	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 12000	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 10000	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 9000	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 8000	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 7000	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 6000	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 5000	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 4500	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 4000	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 3500	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 3000	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 2500	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 2000	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 1800	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 1500	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 1200	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 1000	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 900	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 800	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 700	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 600	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 500	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 400	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 300	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 200	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 100	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 0	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4

TOTAL NUMBER OF OBSERVATIONS 886

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH  
USAF ETAC  
ATMOSPHERIC SERVICE/AFAC

# CEILING VERSUS VISIBILITY

STATION NO. 10000 STATION NAME 10000 YEARS 10000  
PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS) 10000-14000  
HOURS 10000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥.05	≥.01
NO. CEILING	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 20000	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 18000	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 16000	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 14000	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 12000	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 10000	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 9000	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 8000	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 7000	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 6000	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 5000	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 4500	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 4000	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 3500	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 3000	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 2500	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 2000	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 1800	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 1500	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 1200	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 1000	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 900	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 800	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 700	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 600	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 500	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 400	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 300	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 200	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 100	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

TOTAL NUMBER OF OBSERVATIONS 896

USAF ETAC FORM 10000 JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH  
 WASHINGTON  
 AIR STATION SERVICE AREA

# CEILING VERSUS VISIBILITY

STATION NAME  
 WASHINGTON AIR STATION

74-87

YEARS

PER MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1500-1700  
 HOUR 151

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	11.0	12.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
≥ 20000	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
≥ 18000	14.1	14.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
≥ 6000	14.3	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
≥ 4000	14.4	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
≥ 2000	14.4	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
≥ 1000	15.3	20.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
≥ 900	15.3	20.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
≥ 800	15.3	20.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
≥ 700	15.3	20.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
≥ 600	15.4	20.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
≥ 500	15.4	20.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
≥ 400	15.4	20.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
≥ 300	15.4	20.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
≥ 200	15.4	20.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
≥ 100	15.4	20.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
≥ 0	15.4	20.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0

TOTAL NUMBER OF OBSERVATIONS 886

USAF ETAC FORM 101-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE / MAC

# CEILING VERSUS VISIBILITY

STATION 74-17 STATION NAME YEARS FEB MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18 0-2400  
HOURS (LT)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	11.3	11.3	11.3	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
≥ 20000	11.3	11.3	11.3	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
≥ 18000	11.3	11.3	11.3	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
≥ 16000	11.3	11.3	11.3	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
≥ 14000	11.3	11.3	11.3	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
≥ 12000	11.3	11.3	11.3	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
≥ 10000	11.3	11.3	11.3	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
≥ 9000	11.3	11.3	11.3	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
≥ 8000	11.3	11.3	11.3	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
≥ 7000	11.3	11.3	11.3	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
≥ 6000	11.3	11.3	11.3	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
≥ 5000	11.3	11.3	11.3	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
≥ 4500	11.3	11.3	11.3	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
≥ 4000	11.3	11.3	11.3	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
≥ 3500	11.3	11.3	11.3	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
≥ 3000	11.3	11.3	11.3	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
≥ 2500	11.3	11.3	11.3	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
≥ 2000	11.3	11.3	11.3	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
≥ 1800	11.3	11.3	11.3	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
≥ 1600	11.3	11.3	11.3	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
≥ 1400	11.3	11.3	11.3	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
≥ 1200	11.3	11.3	11.3	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
≥ 1000	11.3	11.3	11.3	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
≥ 900	11.3	11.3	11.3	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
≥ 800	11.3	11.3	11.3	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
≥ 700	11.3	11.3	11.3	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
≥ 600	11.3	11.3	11.3	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
≥ 500	11.3	11.3	11.3	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
≥ 400	11.3	11.3	11.3	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
≥ 300	11.3	11.3	11.3	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
≥ 200	11.3	11.3	11.3	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
≥ 100	11.3	11.3	11.3	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
≥ 0	11.3	11.3	11.3	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
ATMOSPHERIC SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION: CHENNAI AIR AC

74-57

YEARS

FEB

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1.7	≥1.4	≥1	≥.7	≥.5	≥.4	≥.3	≥.2	≥.1
NO CEILING	14.1	14.4	14.7	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥ 20000	14.1	14.4	14.7	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥ 18000	14.3	14.7	14.9	15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7	16.9	17.1	17.3	17.5
≥ 16000	14.3	14.7	14.9	15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7	16.9	17.1	17.3	17.5
≥ 14000	14.3	14.7	14.9	15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7	16.9	17.1	17.3	17.5
≥ 12000	14.3	14.7	14.9	15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7	16.9	17.1	17.3	17.5
≥ 10000	14.3	14.7	14.9	15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7	16.9	17.1	17.3	17.5
≥ 9000	14.3	14.7	14.9	15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7	16.9	17.1	17.3	17.5
≥ 8000	14.3	14.7	14.9	15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7	16.9	17.1	17.3	17.5
≥ 7000	14.3	14.7	14.9	15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7	16.9	17.1	17.3	17.5
≥ 6000	14.3	14.7	14.9	15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7	16.9	17.1	17.3	17.5
≥ 5000	14.3	14.7	14.9	15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7	16.9	17.1	17.3	17.5
≥ 4500	14.3	14.7	14.9	15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7	16.9	17.1	17.3	17.5
≥ 4000	14.3	14.7	14.9	15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7	16.9	17.1	17.3	17.5
≥ 3500	14.3	14.7	14.9	15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7	16.9	17.1	17.3	17.5
≥ 3000	14.3	14.7	14.9	15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7	16.9	17.1	17.3	17.5
≥ 2500	14.3	14.7	14.9	15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7	16.9	17.1	17.3	17.5
≥ 2000	14.3	14.7	14.9	15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7	16.9	17.1	17.3	17.5
≥ 1800	14.3	14.7	14.9	15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7	16.9	17.1	17.3	17.5
≥ 1600	14.3	14.7	14.9	15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7	16.9	17.1	17.3	17.5
≥ 1400	14.3	14.7	14.9	15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7	16.9	17.1	17.3	17.5
≥ 1200	14.3	14.7	14.9	15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7	16.9	17.1	17.3	17.5
≥ 1000	14.3	14.7	14.9	15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7	16.9	17.1	17.3	17.5
≥ 900	14.3	14.7	14.9	15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7	16.9	17.1	17.3	17.5
≥ 800	14.3	14.7	14.9	15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7	16.9	17.1	17.3	17.5
≥ 700	14.3	14.7	14.9	15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7	16.9	17.1	17.3	17.5
≥ 600	14.3	14.7	14.9	15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7	16.9	17.1	17.3	17.5
≥ 500	14.3	14.7	14.9	15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7	16.9	17.1	17.3	17.5
≥ 400	14.3	14.7	14.9	15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7	16.9	17.1	17.3	17.5
≥ 300	14.3	14.7	14.9	15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7	16.9	17.1	17.3	17.5
≥ 200	14.3	14.7	14.9	15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7	16.9	17.1	17.3	17.5
≥ 100	14.3	14.7	14.9	15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7	16.9	17.1	17.3	17.5
≥ 0	14.3	14.7	14.9	15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.5	16.7	16.9	17.1	17.3	17.5

TOTAL NUMBER OF OBSERVATIONS 845

USAF ETAC FORM 10-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

STATION 141 SIEMVA APR AK

74-87

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS 1-1

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
≥20000	14.2	14.2	14.2	14.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥18000	14.2	14.2	14.2	14.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥16000	14.2	14.2	14.2	14.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥14000	14.2	14.2	14.2	14.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥12000	14.2	14.2	14.2	14.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥10000	14.2	14.2	14.2	14.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥9000	14.2	14.2	14.2	14.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥8000	14.2	14.2	14.2	14.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥7000	14.2	14.2	14.2	14.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥6000	14.2	14.2	14.2	14.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥5000	14.2	14.2	14.2	14.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥4500	14.2	14.2	14.2	14.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥4000	14.2	14.2	14.2	14.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥3500	14.2	14.2	14.2	14.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥3000	14.2	14.2	14.2	14.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥2500	14.2	14.2	14.2	14.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥2000	14.2	14.2	14.2	14.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥1800	14.2	14.2	14.2	14.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥1500	14.2	14.2	14.2	14.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥1200	14.2	14.2	14.2	14.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥1000	14.2	14.2	14.2	14.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥900	14.2	14.2	14.2	14.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥800	14.2	14.2	14.2	14.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥700	14.2	14.2	14.2	14.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥600	14.2	14.2	14.2	14.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥500	14.2	14.2	14.2	14.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥400	14.2	14.2	14.2	14.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥300	14.2	14.2	14.2	14.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥200	14.2	14.2	14.2	14.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥100	14.2	14.2	14.2	14.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥0	14.2	14.2	14.2	14.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8

TOTAL NUMBER OF OBSERVATIONS 6767

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AFW WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7-14  
STATION

CHENNAI AND AIR

STATION NAME

74-87

YEARS

MA 7

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

000-7470  
HOURS (LT)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	7.4	21.4	21.7	21.9	22.0	22.2	22.3	22.3	22.3	22.3	22.4	22.4	22.4	22.4	22.4	22.4
≥ 20000	7.4	21.4	21.7	22.4	22.6	22.6	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 18000	7.4	22.1	22.8	23.0	23.2	23.2	23.3	23.3	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4
≥ 16000	7.4	22.5	22.9	23.0	23.2	23.2	23.3	23.3	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4
≥ 14000	7.4	22.6	22.9	23.1	23.2	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 12000	7.4	22.7	22.9	23.1	23.2	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 10000	7.4	22.7	22.9	23.1	23.2	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 9000	7.4	22.7	22.9	23.1	23.2	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 8000	7.4	22.7	22.9	23.1	23.2	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 7000	7.4	22.7	22.9	23.1	23.2	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 6000	7.4	22.7	22.9	23.1	23.2	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 5000	7.4	22.7	22.9	23.1	23.2	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 4500	7.4	22.7	22.9	23.1	23.2	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 4000	7.4	22.7	22.9	23.1	23.2	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 3500	7.4	22.7	22.9	23.1	23.2	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 3000	7.4	22.7	22.9	23.1	23.2	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 2500	7.4	22.7	22.9	23.1	23.2	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 2000	7.4	22.7	22.9	23.1	23.2	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 1800	7.4	22.7	22.9	23.1	23.2	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 1500	7.4	22.7	22.9	23.1	23.2	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 1200	7.4	22.7	22.9	23.1	23.2	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 1000	7.4	22.7	22.9	23.1	23.2	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 900	7.4	22.7	22.9	23.1	23.2	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 800	7.4	22.7	22.9	23.1	23.2	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 700	7.4	22.7	22.9	23.1	23.2	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 600	7.4	22.7	22.9	23.1	23.2	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 500	7.4	22.7	22.9	23.1	23.2	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 400	7.4	22.7	22.9	23.1	23.2	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 300	7.4	22.7	22.9	23.1	23.2	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 200	7.4	22.7	22.9	23.1	23.2	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 100	7.4	22.7	22.9	23.1	23.2	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 0	7.4	22.7	22.9	23.1	23.2	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AMC

# CEILING VERSUS VISIBILITY

STATION NAME: SEENNA AFB AR YEARS: 74-87 MAP: 300-0500  
 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	3.7	21.1	27.0	22.3	22.4	22.5	22.0	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
≥ 20000	7.1	27.5	27.5	22.7	22.0	22.0	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 18000	7.1	27.6	27.6	23.2	23.7	23.4	27.7	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 16000	7.1	27.6	23.0	23.2	23.7	23.4	23.9	27.0	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 14000	7.1	27.7	27.1	27.3	23.4	23.5	24.7	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 12000	7.1	27.2	27.7	27.9	24.7	24.1	24.7	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
≥ 10000	7.1	27.3	27.7	24.4	24.7	24.6	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 9000	7.1	27.3	24.0	24.4	24.7	24.6	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 8000	7.1	24.7	27.2	25.4	25.5	25.6	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
≥ 7000	7.1	26.3	26.0	27.1	27.2	27.3	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
≥ 6000	7.1	26.0	27.1	27.2	27.3	27.4	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
≥ 5000	4.2	27.2	27.7	26.9	29.1	29.2	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
≥ 4500	4.1	31.0	30.5	31.9	31.0	31.1	31.7	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
≥ 4000	5.2	37.4	40.3	40.6	41.2	41.4	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 3500	5.2	46.5	47.1	47.6	48.9	48.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 3000	5.3	52.8	52.8	53.5	55.6	55.9	57.3	57.5	57.6	58.0	58.1	58.1	58.1	58.1	58.1
≥ 2500	5.5	60.9	61.3	62.4	65.1	65.5	66.0	67.2	67.3	67.8	68.0	68.0	68.0	68.0	68.0
≥ 2000	5.7	67.0	68.5	71.5	74.7	74.5	76.3	76.7	76.8	77.4	77.5	77.6	77.6	77.6	77.6
≥ 1800	5.8	67.8	69.4	71.5	75.1	75.6	77.4	77.8	78.1	78.6	78.7	78.8	78.8	78.8	78.8
≥ 1500	5.9	67.7	73.0	75.5	79.4	79.9	81.9	82.6	82.7	83.4	83.9	84.1	84.1	84.3	84.3
≥ 1200	5.7	66.6	74.3	76.8	81.2	81.7	84.1	85.2	85.3	86.1	86.7	86.9	87.0	87.2	87.2
≥ 1000	5.7	68.3	75.6	79.2	84.5	85.2	87.5	88.8	88.9	90.0	90.5	90.8	91.2	91.5	91.6
≥ 900	5.7	68.4	76.7	79.6	85.1	85.7	88.1	89.4	89.5	91.5	91.7	92.2	92.5	92.5	92.6
≥ 800	5.7	68.7	77.0	80.5	86.0	86.9	89.4	90.6	90.8	92.2	93.1	93.3	93.8	94.3	94.5
≥ 700	5.7	68.8	77.2	80.8	86.5	87.3	89.8	91.1	91.2	92.8	93.8	94.1	94.5	95.1	95.3
≥ 600	5.7	68.9	77.3	81.0	86.7	87.5	90.3	91.6	91.7	93.3	94.3	94.6	95.1	95.6	95.8
≥ 500	5.7	69.4	77.8	81.7	87.5	88.4	92.7	93.5	93.9	95.6	96.7	97.1	97.7	98.5	98.8
≥ 400	5.7	69.4	77.8	81.7	87.5	88.4	92.3	93.8	94.5	96.2	97.3	97.7	98.4	99.1	99.4
≥ 300	5.7	69.4	77.8	81.7	87.5	88.4	92.3	93.9	94.6	96.3	97.4	97.8	98.5	99.4	99.7
≥ 200	5.7	69.4	77.8	81.7	87.5	88.4	92.3	93.9	94.7	96.7	97.7	98.2	98.8	99.7	100.0
≥ 100	5.7	69.4	77.8	81.7	87.5	88.4	92.3	93.9	94.7	96.7	97.7	98.2	98.8	99.7	100.0
≥ 0	5.7	69.4	77.8	81.7	87.5	88.4	92.3	93.9	94.7	96.7	97.7	98.2	98.8	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 977

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/ANAC

# CEILING VERSUS VISIBILITY

424 STATION NAME: DULLES AFB AR 74-87 YEARS: MAR MONTH: 1700-7600 HOURS: 15

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY: STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .4	≥ .3	≥ .25	≥ .2	≥ .15	≥ 0
NO CEILING	4.7	21.3	27.7	22.7	22.8	22.8	23.1	27.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 20000	4.7	21.3	27.7	22.7	22.8	22.8	23.1	27.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 18000	4.7	20.3	27.9	23.1	23.2	23.2	23.4	27.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
≥ 16000	4.7	20.3	27.9	23.1	23.2	23.2	23.4	27.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
≥ 14000	4.7	20.3	27.9	23.1	23.2	23.2	23.4	27.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
≥ 12000	4.7	20.3	27.9	23.3	23.4	23.4	23.7	27.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
≥ 10000	4.7	20.3	27.9	23.8	23.9	23.9	24.1	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2
≥ 9000	4.7	20.3	27.9	23.8	23.9	23.9	24.1	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2
≥ 8000	4.7	20.3	27.9	24.1	24.7	24.7	24.5	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
≥ 7000	4.7	20.3	28.1	26.6	26.6	26.6	27.7	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 6000	4.7	20.3	28.1	26.6	27.0	27.0	27.7	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 5000	4.7	20.3	28.9	29.5	29.7	29.7	29.9	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
≥ 4500	4.7	20.9	31.1	31.6	31.8	31.8	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
≥ 4000	4.7	20.9	31.7	40.3	40.9	40.9	41.7	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥ 3500	4.7	41.1	47.1	47.8	49.4	49.4	50.1	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5
≥ 3000	4.7	41.1	47.1	47.8	49.4	49.4	50.1	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5
≥ 2500	4.7	59.6	63.7	65.3	69.4	69.4	69.7	69.7	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1
≥ 2000	4.7	59.6	63.7	65.3	69.4	69.4	69.7	69.7	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1
≥ 1800	4.7	59.6	63.7	65.3	69.4	69.4	69.7	69.7	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1
≥ 1500	4.7	59.6	63.7	65.3	69.4	69.4	69.7	69.7	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1
≥ 1200	4.7	67.2	73.9	76.5	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1000	4.7	67.2	73.9	76.5	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 900	4.7	67.2	73.9	76.5	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 800	4.7	67.2	73.9	76.5	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 700	4.7	67.2	73.9	76.5	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 600	4.7	67.2	73.9	76.5	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 500	4.7	67.2	73.9	76.5	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 400	4.7	67.2	73.9	76.5	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 300	4.7	67.2	73.9	76.5	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 200	4.7	67.2	73.9	76.5	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 100	4.7	67.2	73.9	76.5	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 0	4.7	67.2	73.9	76.5	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4

TOTAL NUMBER OF OBSERVATIONS: 937

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY  
 U.S. AIR FORCE  
 AIRCRAFT SERVICE/AC

# CEILING VERSUS VISIBILITY

STATION NAME: STATION NAME YEARS MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

900-1100  
 HOURS 151

ELEVATION FEET	VISIBILITY STATUTE MILES															
	≥10	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
10000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
8000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
6000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
4000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
2000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
1000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
800	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
600	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
400	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
200	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
100	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
0	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3

TOTAL NUMBER OF OBSERVATIONS 977

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH  
 UNITED STATES AIR FORCE  
 AIR WEATHER SERVICE/ANAC

# CEILING VERSUS VISIBILITY

STATION  
 17-0-1400

STATION NAME  
 17-0-1400

YEAR  
 1964

MONTH  
 12

DATE  
 12-0-1400

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

17-0-1400  
 HOURS 151

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.8	≥0.6	≥0.5	≥0.4	≥0.3	≥0.2	≥0
NO FILING	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥20000	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥18000	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥16000	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥14000	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥12000	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥10000	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥9000	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥8000	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥7000	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥6000	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥5000	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥4500	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥4000	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥3500	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥3000	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥2500	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥2000	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥1800	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥1500	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥1200	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥1000	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥900	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥800	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥700	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥600	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥500	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥400	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥300	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥200	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥100	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥0	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

STATION: SICHUVA AFB

74-57

MA

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15-0-1700  
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥0
NO. CEILING ≥ 20000	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 18000	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
≥ 16000	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2
≥ 14000	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
≥ 12000	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 10000	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 9000	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
≥ 8000	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
≥ 7000	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 6000	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
≥ 5000	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
≥ 4500	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥ 4000	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
≥ 3500	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 3000	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 2500	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 2000	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 1800	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 1600	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 1400	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 1200	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 1000	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 900	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 800	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 700	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 600	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 500	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 400	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 300	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 200	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 100	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 0	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AT WEATHER SERVICE/NAAC

# CEILING VERSUS VISIBILITY

STATION NAME  
STATION

74-01

YEARS

MOON

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

12 7-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	11.1	11.9	17.9	15.2	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
≥20000	11.1	11.9	17.9	15.2	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
≥18000	14.7	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
≥16000	14.7	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
≥14000	14.7	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9
≥12000	14.7	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
≥10000	14.7	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
≥9000	14.7	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
≥8000	14.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
≥7000	14.7	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
≥6000	14.7	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
≥5000	14.7	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
≥4500	14.7	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
≥4000	14.7	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
≥3500	14.7	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
≥3000	14.7	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
≥2500	14.7	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
≥2000	14.7	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
≥1800	14.7	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
≥1500	14.7	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
≥1200	14.7	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
≥1000	14.7	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
≥900	14.7	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
≥800	14.7	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
≥700	14.7	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
≥600	14.7	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
≥500	14.7	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
≥400	14.7	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
≥300	14.7	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
≥200	14.7	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
≥100	14.7	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
≥0	14.7	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4

TOTAL NUMBER OF OBSERVATIONS 929

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AF WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION 144 SHEMVA AFB AK

74-07

MAC

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21 DEC 2300  
HOURS TEST

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6
≥ 20000	5.7	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
≥ 18000	5.7	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
≥ 16000	5.7	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
≥ 14000	5.7	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
≥ 12000	5.7	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
≥ 10000	5.7	22.4	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
≥ 9000	5.7	22.5	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 8000	5.7	23.3	23.5	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
≥ 7000	5.7	26.6	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
≥ 6000	5.7	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 5000	5.7	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
≥ 4500	5.7	28.3	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 4000	5.7	33.3	33.4	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ 3500	5.7	39.6	41.5	43.1	43.1	43.3	43.3	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 3000	5.7	45.5	45.5	49.6	51.2	51.2	51.2	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 2500	11.6	53.4	57.1	58.4	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 2000	12.2	61.0	65.7	68.6	71.2	71.2	71.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 1800	12.2	61.5	66.7	69.6	71.7	72.2	72.7	73.4	73.8	73.9	74.2	74.2	74.2	74.2	74.3	74.3
≥ 1500	12.2	65.6	71.5	75.1	79.1	78.6	79.9	80.9	81.5	81.9	82.6	82.6	82.7	82.8	82.8	82.8
≥ 1200	12.7	68.1	74.2	79.1	81.6	82.2	83.5	84.6	85.3	85.8	86.6	86.6	86.6	86.7	86.8	86.8
≥ 1000	12.7	69.6	76.1	80.1	84.5	85.1	86.6	87.8	88.5	89.2	90.4	90.6	90.8	91.1	91.2	91.2
≥ 900	12.7	69.9	76.5	81.5	85.2	85.7	87.2	88.5	89.1	89.9	91.1	91.3	91.4	91.7	91.9	92.2
≥ 800	12.7	69.9	76.5	80.8	85.8	86.3	88.2	89.7	90.4	91.2	92.4	92.6	92.9	93.4	93.7	93.9
≥ 700	12.7	69.9	76.5	80.8	85.8	86.3	88.3	89.9	90.6	91.4	92.8	93.1	93.3	94.2	94.4	94.7
≥ 600	12.7	71.0	76.8	81.3	86.5	87.0	89.4	91.1	91.8	92.7	94.5	94.8	95.6	96.5	96.7	97.0
≥ 500	12.7	71.2	77.3	81.5	86.7	87.2	89.6	91.8	92.7	93.7	95.6	95.9	96.8	97.7	98.0	98.3
≥ 400	12.7	71.2	77.3	81.5	86.7	87.2	89.6	91.9	92.8	94.1	96.5	96.8	98.1	99.0	99.4	99.7
≥ 300	12.7	71.2	77.3	81.5	86.7	87.2	89.6	91.9	92.8	94.0	96.6	96.9	98.3	99.2	99.6	99.9
≥ 200	12.7	71.2	77.3	81.5	86.7	87.2	89.6	91.9	92.8	94.0	96.6	96.9	98.3	99.2	99.7	100.0
≥ 100	12.7	71.2	77.3	81.5	86.7	87.2	89.6	91.9	92.8	94.0	96.6	96.9	98.3	99.2	99.7	100.0
≥ 50	12.7	71.2	77.3	81.5	86.7	87.2	89.6	91.9	92.8	94.0	96.6	96.9	98.3	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AF WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

7-134  
STATION

SHENYA AFB AK

STATION NAME

74-6  
YEAR

MAP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS 1-24

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	1.2	16.2	17.0	19.5	19.6	19.6	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7
≥ 20000	1.2	21.1	21.2	21.3	21.4	21.4	21.7	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
≥ 18000	1.2	22.1	22.4	22.5	22.5	22.5	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 16000	1.2	22.2	22.5	22.6	22.6	22.7	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
≥ 14000	1.2	22.7	22.9	23.0	23.1	23.1	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
≥ 12000	1.2	22.2	23.5	23.6	23.6	23.6	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
≥ 10000	1.2	24.1	24.7	24.5	24.5	24.6	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
≥ 9000	1.2	24.2	24.5	24.6	24.7	24.7	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
≥ 8000	1.2	25.9	26.1	26.3	26.3	26.4	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
≥ 7000	1.2	25.5	27.9	29.1	29.2	29.3	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
≥ 6000	1.2	27.7	29.1	29.3	29.5	29.5	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
≥ 5000	1.2	31.2	31.7	31.9	31.1	31.1	31.7	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 4500	1.2	31.8	32.3	32.6	32.7	32.7	32.9	33.1	33.1	33.0	33.0	33.0	33.0	33.0	33.0	33.0
≥ 4000	1.2	31.1	31.9	32.4	32.8	32.8	32.9	33.1	33.1	33.0	33.0	33.0	33.0	33.0	33.0	33.0
≥ 3500	1.2	46.2	47.7	49.3	49.2	49.2	49.7	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 3000	1.2	54.5	54.7	55.1	55.6	55.6	57.2	57.5	57.6	57.7	57.9	57.9	57.9	57.9	57.9	57.9
≥ 2500	1.2	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 2000	1.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 1800	1.2	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 1500	1.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 1200	1.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 1000	1.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 800	1.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 700	1.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 600	1.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 500	1.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 400	1.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 300	1.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 200	1.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 100	1.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 0	1.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3

TOTAL NUMBER OF OBSERVATIONS 7479

USAF ETAC FORM 7-134 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
ATMOSPHERIC SERVICE/MAC

# CEILING VERSUS VISIBILITY

7-14 CHENYA AFB AR

74-37

APC

STATION

STATION NAME

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

000-2000  
HOURS PER YEAR

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	17.2	17.2	17.2	17.2	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6
≥ 20000	17.7	17.7	17.7	17.7	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
≥ 18000	16.4	16.4	16.4	16.4	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥ 16000	15.4	15.4	15.4	15.4	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
≥ 14000	10.6	10.6	10.6	10.6	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
≥ 12000	10.8	10.8	10.8	10.8	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
≥ 10000	10.2	10.2	10.2	10.2	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
≥ 9000	10.7	10.7	10.7	10.7	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
≥ 8000	20.9	20.9	20.9	21.0	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 7000	22.4	22.4	22.4	22.6	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
≥ 6000	22.4	22.4	22.4	22.6	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
≥ 5000	24.1	24.1	24.1	24.8	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1
≥ 4500	26.3	26.3	26.3	27.2	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
≥ 4000	32.7	32.7	32.7	33.7	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 3500	40.2	40.2	40.2	41.8	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 3000	45.9	45.9	45.9	47.6	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 2500	51.9	51.9	51.9	54.4	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 2000	58.6	58.6	58.6	62.2	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 1800	60.4	60.4	60.4	63.6	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 1600	63.2	63.2	63.2	66.4	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 1400	65.7	65.7	65.7	69.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 1200	66.9	66.9	66.9	71.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 1000	66.0	66.0	66.0	71.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 900	67.7	67.7	67.7	72.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 800	67.7	67.7	67.7	72.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 700	67.7	67.7	67.7	72.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 600	67.7	67.7	67.7	72.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 500	67.7	67.7	67.7	72.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 400	67.7	67.7	67.7	72.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 300	67.7	67.7	67.7	72.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 200	67.7	67.7	67.7	72.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 100	67.7	67.7	67.7	72.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0

TOTAL NUMBER OF OBSERVATIONS 970

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
UNIT 1C  
AIR WEATHER SERVICE MAC

# CEILING VERSUS VISIBILITY

STATION NAME USFNA APO AE YEARS 194-47 MONTH APR  
PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS) HOURS 700-1500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥0
NO CEILING ≥ 20000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 18000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 16000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 14000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 12000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 10000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 9000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 8000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 7000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 6000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 5000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 4500	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 4000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 3500	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 3000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 2500	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 2000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 1800	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 1500	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 1200	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 1000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 900	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 800	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 700	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 600	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 500	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 400	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 300	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 200	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 100	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 0	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

STATION 4 SHEENA AFB AK STATION NAME

14-47 YEARS

APR  
MONTH  
1600-0800  
HOURS LST

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥0
NO CEILING ≥ 20000	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 18000	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 16000	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 14000	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 12000	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 10000	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 9000	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 8000	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 7000	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 6000	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 5000	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 4500	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 4000	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 3500	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 3000	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 2500	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 2000	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 1800	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 1500	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 1200	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 1000	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 900	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 800	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 700	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 600	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 500	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 400	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 300	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 200	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 100	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
≥ 0	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 OFFICE  
 AT WASHINGTON SERVICE/AC

# CEILING VERSUS VISIBILITY

STATION

STATION NAME

74-8

YEARS

APR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

210-1200  
 HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥.005
NO CEILING	.4	11.1	11.1	11.1	11.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.2
≥ 20000	.4	11.1	11.1	11.1	11.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.7
≥ 18000	.4	11.1	11.1	11.1	11.1	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.3
≥ 16000	.4	11.1	11.1	11.1	11.1	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.7
≥ 14000	.4	11.1	11.1	11.1	11.1	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.3
≥ 12000	.4	11.1	11.1	11.1	11.1	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.3
≥ 10000	.4	11.1	11.1	11.1	11.1	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.8
≥ 9000	.4	11.1	11.1	11.1	11.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1
≥ 8000	.4	11.1	11.1	11.1	11.1	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.9
≥ 7000	.4	11.1	11.1	11.1	11.1	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.8
≥ 6000	.4	11.1	11.1	11.1	11.1	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.7
≥ 5000	.4	11.1	11.1	11.1	11.1	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.7
≥ 4500	.4	11.1	11.1	11.1	11.1	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.7
≥ 4000	.4	11.1	11.1	11.1	11.1	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.4
≥ 3500	.4	11.1	11.1	11.1	11.1	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.4
≥ 3000	.4	11.1	11.1	11.1	11.1	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.7
≥ 2500	.4	11.1	11.1	11.1	11.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.7
≥ 2000	.4	11.1	11.1	11.1	11.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.7
≥ 1800	.4	11.1	11.1	11.1	11.1	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8
≥ 1600	.4	11.1	11.1	11.1	11.1	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 1400	.4	11.1	11.1	11.1	11.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.6
≥ 1200	.4	11.1	11.1	11.1	11.1	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.9
≥ 1000	.4	11.1	11.1	11.1	11.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.9
≥ 900	.4	11.1	11.1	11.1	11.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.4
≥ 800	.4	11.1	11.1	11.1	11.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.8
≥ 700	.4	11.1	11.1	11.1	11.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	89.2
≥ 600	.4	11.1	11.1	11.1	11.1	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	91.6
≥ 500	.4	11.1	11.1	11.1	11.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	93.6
≥ 400	.4	11.1	11.1	11.1	11.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	94.3
≥ 300	.4	11.1	11.1	11.1	11.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	95.6
≥ 200	.4	11.1	11.1	11.1	11.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	96.1
≥ 100	.4	11.1	11.1	11.1	11.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	97.1
≥ 50	.4	11.1	11.1	11.1	11.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.8
≥ 25	.4	11.1	11.1	11.1	11.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.8
≥ 10	.4	11.1	11.1	11.1	11.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.2
≥ 5	.4	11.1	11.1	11.1	11.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.9
≥ 2.5	.4	11.1	11.1	11.1	11.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
ATMOSPHERIC SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION: 14 STATION NAME: AFENYA AFB AK YEARS: 1967 MONTH: APR  
PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS) 1700-1400  
HOURS: 1700-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥.0
≥2000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥1800	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥1600	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥1400	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥1200	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥1000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥900	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥800	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥700	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥600	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥500	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥400	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥300	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥200	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥100	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥50	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥20	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥10	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥5	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥.5	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥.25	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥.16	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AT WEATHER SERVICE/ETAC

# CEILING VERSUS VISIBILITY

STATION: WEMMA AFB AK STATION NAME: WEMMA AFB AK YEARS: 74-87 APP: MONTH  
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) 15.7-17.00  
HOURS: 15.7

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
≥ 20000	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
≥ 18000	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
≥ 16000	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
≥ 14000	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
≥ 12000	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
≥ 10000	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
≥ 9000	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
≥ 8000	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
≥ 7000	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
≥ 6000	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
≥ 5000	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
≥ 4500	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
≥ 4000	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
≥ 3500	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
≥ 3000	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
≥ 2500	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
≥ 2000	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
≥ 1800	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
≥ 1600	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
≥ 1400	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
≥ 1200	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
≥ 1000	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
≥ 900	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
≥ 800	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
≥ 700	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
≥ 600	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
≥ 500	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
≥ 400	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
≥ 300	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
≥ 200	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
≥ 100	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
≥ 0	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3

TOTAL NUMBER OF OBSERVATIONS: 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/ALAC

# CEILING VERSUS VISIBILITY

STATION: 74-47 STATION NAME: 74-47 YEARS: 1960-1960  
MONTH: 1960-1960  
HOURS: 1960-1960

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥0
≥20000	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥18000	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥16000	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥14000	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥12000	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥10000	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥9000	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥8000	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥7000	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥6000	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥5000	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥4500	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥4000	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥3500	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥3000	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥2500	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥2000	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥1800	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥1500	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥1200	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥1000	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥900	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥800	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥700	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥600	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥500	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥400	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥300	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥200	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥100	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥0	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6

TOTAL NUMBER OF OBSERVATIONS 900



GENERAL DIRECTION ONLY ANCH  
 STATION  
 AIRCRAFT SERVICE/NAIC

# CEILING VERSUS VISIBILITY

STATION NAME

STATION NAME

DATE

YEARS

APPROX  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

11-2-2000  
 HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥0
20000	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
18000	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
16000	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
14000	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
12000	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
10000	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
8000	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
6000	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
4000	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
3000	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
2000	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
1800	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
1600	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
1400	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
1200	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
1000	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
800	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
600	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
400	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
300	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
200	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
100	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
0	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3

TOTAL NUMBER OF OBSERVATIONS

AD-A146 917 SHENYA AFB ALASKA REVISED UNIFORM SUMMARY OF SURFACE  
WEATHER OBSERVATIONS..(U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A.. MAY 84  
UNCLASSIFIED USAFETAC/DS-84/018 SBI AD-E850 740 F/G 4/2

SHENYA AFB ALASKA REVISED UNIFORM SUMMARY OF SURFACE  
WEATHER OBSERVATIONS. (U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A. MAY 84  
USAFETAC/DS-84/018 SBI AD-E850 740 F/G 4/2

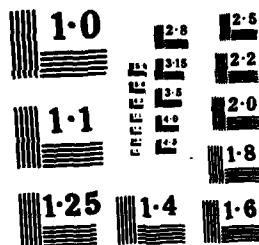
UNCLASSIFIED

USAFETAC/DS-84/018 SBI AD-E850 740

F/G 4/2

NL

315



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AF WEATHER SERVICE/HAC

## CEILING VERSUS VISIBILITY

STATION  
STATION NAME

74-57

YEARS

APR  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS 1-24

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1 1/8	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	13.7	13.4	13.3	13.3	13.3	13.6	13.6	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
≥ 20000	13.7	13.5	14.0	14.7	14.9	14.8	14.8	14.9	14.9	14.9	14.8	14.8	14.8	14.8	14.8	14.9
≥ 18000	13.7	15.7	15.9	15.8	16.1	16.1	16.1	16.1	16.1	16.1	16.0	16.0	16.0	16.0	16.0	16.0
≥ 16000	13.7	15.9	16.0	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.2	16.2	16.2	16.2	16.2	16.2
≥ 14000	13.7	16.0	16.1	16.2	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.4
≥ 12000	13.7	16.2	16.3	16.4	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.6
≥ 10000	13.7	16.7	16.5	16.9	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
≥ 9000	13.7	17.1	17.2	17.3	17.4	17.4	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
≥ 8000	13.7	16.9	17.1	19.1	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.4
≥ 7000	13.7	17.5	17.7	19.8	21.0	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
≥ 6000	13.7	17.9	21.1	21.2	21.4	21.4	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.6
≥ 5000	13.7	21.9	23.7	23.4	23.7	23.8	23.9	23.8	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 4500	13.7	25.1	25.9	25.6	26.7	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.2
≥ 4000	13.7	31.7	33.1	32.4	33.9	33.9	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
≥ 3500	13.7	41.6	41.6	42.0	42.7	42.8	42.9	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 3000	13.7	47.8	48.7	49.3	50.1	50.2	50.4	50.6	50.6	50.7	50.8	50.8	50.8	50.8	50.8	50.8
≥ 2500	13.7	54.4	55.9	56.7	57.8	57.9	58.3	58.5	58.6	58.6	58.7	58.8	58.8	58.8	58.8	58.8
≥ 2000	13.7	61.3	63.1	64.2	65.8	66.1	66.6	66.9	67.0	67.1	67.3	67.3	67.4	67.4	67.4	67.5
≥ 1800	13.7	61.6	63.9	65.1	66.8	67.1	67.6	68.1	68.1	68.2	68.3	68.4	68.5	68.5	68.5	68.5
≥ 1500	13.7	65.1	67.7	69.9	72.6	72.7	73.7	74.2	74.3	74.7	75.1	75.0	75.2	75.2	75.2	75.3
≥ 1200	13.7	67.1	70.7	72.6	75.9	76.2	77.3	78.0	78.2	78.7	78.9	79.0	79.3	79.3	79.3	79.3
≥ 1000	13.7	68.5	72.4	74.7	74.5	78.8	80.3	81.4	81.7	82.4	82.8	82.9	83.4	83.5	83.5	83.6
≥ 900	13.7	68.7	72.9	75.1	78.9	79.2	81.8	82.6	82.7	83.1	83.5	83.7	84.1	84.3	84.3	84.3
≥ 800	13.7	69.3	73.5	75.8	81.3	80.8	82.8	84.2	84.5	85.4	86.1	86.1	86.7	86.9	87.0	87.1
≥ 700	13.7	69.7	74.9	76.5	81.6	82.7	84.4	86.2	86.6	87.6	88.3	88.5	89.2	89.4	89.5	89.6
≥ 600	13.7	70.2	74.8	77.4	82.9	83.4	86.1	88.2	88.7	89.9	90.8	91.0	91.8	92.1	92.2	92.4
≥ 500	13.7	70.4	75.2	78.1	83.9	84.6	88.7	90.5	91.1	92.6	93.8	94.1	95.1	95.5	95.8	96.0
≥ 400	13.7	70.5	75.3	78.2	84.4	85.2	88.7	91.3	92.1	93.8	95.4	95.8	96.9	97.4	97.8	98.1
≥ 300	13.7	70.5	75.3	78.2	84.4	85.3	89.7	91.7	92.5	94.4	96.2	96.6	97.8	98.4	98.9	99.3
≥ 200	13.7	70.5	75.3	78.2	84.4	85.3	89.1	91.8	92.6	94.5	96.4	96.9	98.1	98.8	99.4	99.7
≥ 100	13.7	70.5	75.3	78.2	84.4	85.3	89.1	91.8	92.6	94.6	96.4	96.9	98.1	98.8	99.5	99.8
≥ 0	13.7	70.5	75.3	78.2	84.4	85.3	89.1	91.8	92.6	94.6	96.4	96.9	98.1	98.8	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE MAC

## CEILING VERSUS VISIBILITY

STATION  
014

STATION NAME  
SIEMVA AFB AK

YEARS  
1967

MONTH  
MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

700-0000  
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	1.4	5.3	6.1	6.2	6.7	6.2	5.7	6.7	6.7	6.7	6.2	6.2	6.2	6.7	6.7	6.2
≥ 20000	1.7	6.3	6.7	6.8	6.9	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
IV 18000	1.7	6.3	6.7	6.8	6.9	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
IV 16000	1.7	6.3	6.7	6.8	6.9	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
IV 14000	1.7	6.3	6.7	6.8	6.9	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
IV 12000	1.7	6.3	6.7	6.8	6.9	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
IV 10000	1.7	6.3	6.7	6.8	6.9	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
IV 9000	1.7	6.3	6.7	6.8	6.9	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
IV 8000	1.7	6.3	6.7	6.8	6.9	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
IV 7000	1.7	6.3	6.7	6.8	6.9	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
IV 6000	1.7	6.3	6.7	6.8	6.9	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
IV 5000	1.7	6.3	6.7	6.8	6.9	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
IV 4500	1.7	6.3	6.7	6.8	6.9	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
IV 4000	1.7	6.3	6.7	6.8	6.9	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
IV 3500	1.7	6.3	6.7	6.8	6.9	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
IV 3000	1.7	6.3	6.7	6.8	6.9	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
IV 2500	1.7	6.3	6.7	6.8	6.9	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
IV 2000	1.7	6.3	6.7	6.8	6.9	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
IV 1800	1.7	6.3	6.7	6.8	6.9	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
IV 1500	1.7	6.3	6.7	6.8	6.9	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
IV 1200	1.7	6.3	6.7	6.8	6.9	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
IV 1000	1.7	6.3	6.7	6.8	6.9	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
IV 900	1.7	6.3	6.7	6.8	6.9	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
IV 800	1.7	6.3	6.7	6.8	6.9	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
IV 700	1.7	6.3	6.7	6.8	6.9	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
IV 600	1.7	6.3	6.7	6.8	6.9	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
IV 500	1.7	6.3	6.7	6.8	6.9	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
IV 400	1.7	6.3	6.7	6.8	6.9	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
IV 300	1.7	6.3	6.7	6.8	6.9	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
IV 200	1.7	6.3	6.7	6.8	6.9	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
IV 100	1.7	6.3	6.7	6.8	6.9	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
IV 0	1.7	6.3	6.7	6.8	6.9	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
ATTN: WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

74-47 SHEYNA AFB AK

74-07

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1300-2500  
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	1.7	5.7	5.9	5.9	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.2	6.2	6.2
≥ 20000	1.7	6.6	6.6	6.6	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.9	6.9	6.9
≥ 18000	1.7	7.0	7.0	7.0	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.3	7.3
≥ 16000	1.7	7.3	7.3	7.3	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.6	7.6	7.6
≥ 14000	1.7	7.3	7.3	7.3	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.6	7.6	7.6
≥ 12000	1.7	7.3	7.3	7.3	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.6	7.6	7.6
≥ 10000	1.7	7.4	7.4	7.4	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.7	7.7	7.7
≥ 9000	1.7	7.4	7.4	7.4	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.7	7.7	7.7
≥ 8000	2.2	7.7	7.7	7.7	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.1	8.1	8.1
≥ 7000	2.2	7.7	7.7	7.7	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.1	8.1	8.1
≥ 6000	2.4	8.3	8.3	8.3	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.8	8.8	8.8
≥ 5000	2.4	8.9	8.9	8.9	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.3	9.3	9.3
≥ 4500	2.5	11.2	11.2	11.3	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.6	11.6	11.6
≥ 4000	2.5	15.1	15.1	15.2	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.6	15.6	15.6
≥ 3500	3.7	19.1	19.5	19.6	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	20.0	20.0	20.0
≥ 3000	3.7	24.2	24.9	25.2	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.7	25.7	25.7
≥ 2500	3.9	31.0	32.3	32.6	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.8	32.8	32.8
≥ 2000	4.5	41.8	44.3	45.1	46.7	46.7	46.7	46.2	46.2	46.2	46.2	46.2	46.2	46.6	46.6	46.6
≥ 1800	4.7	43.8	46.3	47.1	48.1	48.1	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.7	48.7	48.7
≥ 1500	5.5	48.6	53.3	54.4	55.7	55.7	55.7	56.2	56.2	56.2	56.2	56.2	56.2	56.6	56.6	56.6
≥ 1200	5.9	57.2	61.7	62.9	64.3	64.3	64.3	65.1	65.1	65.3	65.3	65.3	65.3	65.6	65.6	65.6
≥ 1000	5.9	59.9	65.5	66.9	69.4	68.5	69.7	69.5	69.7	70.0	70.0	70.0	70.0	70.3	70.4	70.4
≥ 900	5.9	67.8	66.5	68.0	69.6	69.7	70.8	71.0	71.7	71.5	71.5	71.5	71.5	71.8	71.9	71.9
≥ 800	5.9	61.8	68.1	69.6	71.2	71.3	72.4	72.6	72.8	73.1	73.1	73.1	73.1	73.8	73.9	73.9
≥ 700	5.9	65.3	71.8	73.8	76.1	76.2	77.7	78.2	78.4	78.7	78.7	78.8	79.5	79.6	79.6	79.6
≥ 600	5.9	65.7	72.8	74.8	78.2	78.3	80.1	80.9	81.1	81.6	81.6	81.7	82.4	82.5	82.5	82.5
≥ 500	5.9	66.8	74.5	77.3	81.9	82.6	85.4	86.3	86.6	87.4	87.4	87.5	88.3	88.4	88.4	88.4
≥ 400	5.9	67.6	76.3	79.5	84.5	85.2	88.8	90.0	90.2	91.2	91.6	91.7	92.5	92.6	92.7	92.7
≥ 300	5.9	67.6	76.5	79.6	84.7	85.4	89.7	90.6	91.1	92.2	92.8	93.0	94.1	94.3	94.8	95.6
≥ 200	5.9	67.6	76.5	79.6	84.7	85.4	89.0	91.0	91.4	92.7	93.4	93.8	95.2	96.3	97.3	98.6
≥ 100	5.9	67.6	76.5	79.6	84.7	85.4	89.0	91.2	91.7	93.0	93.8	94.1	95.5	96.9	98.1	99.7
≥ 0	5.9	67.6	76.5	79.6	84.7	85.4	89.0	91.2	91.7	93.0	93.8	94.1	95.5	96.9	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CELESTIAL CLIMATOLOGY BRANCH  
HAFETAC  
ATMOSPHERIC SERVICE/HAC

# CEILING VERSUS VISIBILITY

STATION 4 SHALYA AFB AK STATION NAME 14-87 YEARS MAY MONTH 0610-0601 HOURS 15

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥.05
NO CEILING	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 20000	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 18000	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 16000	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 14000	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 12000	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 10000	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 9000	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 8000	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 7000	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 6000	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 5000	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 4500	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 4000	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 3500	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 3000	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 2500	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 2000	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 1800	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 1500	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 1200	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 1000	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 900	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 800	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 700	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 600	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 500	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 400	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 300	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 200	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 100	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 0	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4

TOTAL NUMBER OF OBSERVATIONS 932

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/ETAC

## CEILING VERSUS VISIBILITY

STATION 74-03  
STATION NAME SHILUYA AFB AR

74-03

YEARS

MAY

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

900-1100  
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥0.75	≥0.5	≥0.25	≥0.16	≥0.1	≥0
NO CEILING	7.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 20000	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
≥ 18000	6.5	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
≥ 16000	6.5	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
≥ 14000	6.5	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
≥ 12000	4.5	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
≥ 10000	4.5	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 9000	4.5	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
≥ 8000	4.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
≥ 7000	4.5	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
≥ 6000	6.5	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
≥ 5000	6.5	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
≥ 4500	6.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
≥ 4000	17.5	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
≥ 3500	17.5	23.9	24.1	24.2	24.6	24.6	24.6	24.7	24.7	24.7	24.7	24.8	24.8	24.8	24.8	24.8
≥ 3000	17.5	29.1	29.5	29.7	30.1	30.1	30.1	30.2	30.2	30.2	30.2	30.3	30.3	30.3	30.3	30.3
≥ 2500	21.5	35.2	35.6	35.9	36.5	36.5	36.5	36.6	36.6	36.6	36.6	36.7	36.7	36.7	36.7	36.7
≥ 2000	21.5	43.8	44.2	44.7	45.9	45.9	45.9	46.0	46.0	46.0	46.0	46.1	46.1	46.1	46.1	46.1
≥ 1800	21.5	44.5	44.9	45.5	46.7	46.7	46.7	46.8	46.8	46.8	46.8	46.9	46.9	46.9	46.9	46.9
≥ 1500	21.5	52.9	54.0	55.1	56.6	56.6	56.6	56.7	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1
≥ 1200	31.5	67.2	61.4	62.8	64.6	64.7	64.8	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 1000	31.5	65.1	67.0	68.5	71.1	71.2	71.4	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9
≥ 900	31.5	65.7	68.0	69.7	72.6	72.8	73.2	73.7	73.8	74.0	74.1	74.1	74.1	74.1	74.1	74.1
≥ 800	31.5	67.3	69.6	71.8	75.3	75.5	76.2	76.9	77.0	77.2	77.3	77.3	77.3	77.3	77.3	77.3
≥ 700	38.5	69.2	72.0	74.3	78.0	78.5	79.2	80.0	80.1	80.3	80.4	80.4	80.4	80.4	80.4	80.4
≥ 600	38.5	70.6	74.0	76.3	80.8	81.6	82.5	83.3	83.4	83.7	84.0	84.1	84.1	84.1	84.1	84.1
≥ 500	38.5	71.8	75.2	77.7	82.7	83.5	84.8	86.3	86.8	87.1	87.6	87.8	88.2	88.3	88.3	88.3
≥ 400	38.5	72.3	76.1	78.9	84.2	85.1	86.7	88.9	89.7	90.0	90.9	91.3	92.2	92.5	92.7	92.8
≥ 300	38.5	72.4	76.3	79.4	84.7	85.6	87.3	89.9	91.0	91.7	93.2	93.7	94.8	95.8	96.3	97.2
≥ 200	38.5	72.4	76.3	79.4	84.7	85.6	87.6	90.2	91.3	92.0	93.8	94.3	96.0	97.2	98.7	99.7
≥ 100	38.5	72.4	76.3	79.4	84.7	85.6	87.6	90.2	91.3	92.0	93.8	94.3	96.0	97.3	98.8	100.0
≥ 0	38.5	72.4	76.3	79.4	84.7	85.6	87.6	90.2	91.3	92.0	93.8	94.3	96.0	97.3	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAL

# CEILING VERSUS VISIBILITY

7-14-47 SHEMYA AFB AK

14-47

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS IST

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	5.4	7.5	7.5	6.5	5.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
≥ 20000	5.6	5.8	5.8	6.8	6.8	6.8	5.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
≥ 18000	5.9	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
≥ 16000	5.4	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 14000	5.3	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
≥ 12000	5.3	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
≥ 10000	5.3	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
≥ 9000	5.3	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
≥ 8000	5.3	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
≥ 7000	5.3	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
≥ 6000	5.3	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1
≥ 5000	5.3	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
≥ 4500	5.3	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 4000	5.4	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
≥ 3500	5.3	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
≥ 3000	5.3	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
≥ 2500	5.3	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 2000	5.3	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 1800	5.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 1500	5.3	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 1200	5.3	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 1000	5.3	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 900	5.3	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 800	5.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 700	5.3	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 600	5.3	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 500	5.3	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 400	5.3	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 300	5.3	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 200	5.3	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 100	5.3	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 0	5.3	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AMAC

# CEILING VERSUS VISIBILITY

7 414  
STATION

SHENYA AFB AR  
STATION NAME

14-57  
YEARS

MAY  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1510-1700  
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	6.5	6.1	4.7	6.3	5.7	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
≥ 20000	6.5	7.7	7.4	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
≥ 18000	6.5	7.6	8.1	8.1	8.7	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
≥ 16000	6.5	7.8	8.1	8.1	8.7	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
≥ 14000	6.5	7.2	8.1	8.1	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
≥ 12000	6.5	7.6	8.1	8.1	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
≥ 10000	7.1	8.2	9.0	8.5	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
≥ 9000	7.5	8.2	9.0	10.0	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
≥ 8000	7.5	11.0	11.7	11.8	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
≥ 7000	7.5	10.1	10.1	14.3	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4
≥ 6000	11.4	14.4	15.1	15.2	15.3	15.3	15.7	15.3	15.7	15.3	15.7	15.3	15.3	15.3	15.3	15.3
≥ 5000	12.7	17.1	17.2	17.3	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 4500	14.5	18.4	18.5	18.6	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 4000	15.9	24.3	24.7	24.9	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1
≥ 3500	23.1	30.6	30.9	30.2	30.3	30.3	30.4	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
≥ 3000	27.1	33.3	33.7	37.1	37.1	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 2500	31.7	42.5	42.7	43.5	43.8	43.8	43.9	43.9	44.0	44.0	44.0	44.1	44.1	44.2	44.2	44.2
≥ 2000	34.3	48.9	50.6	51.4	51.6	51.6	51.9	51.8	51.9	51.9	51.9	52.0	52.0	52.2	52.2	52.2
≥ 1800	34.3	50.9	51.7	52.5	52.8	52.8	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.3	53.3	53.3
≥ 1500	35.3	58.6	60.7	61.2	61.8	61.8	62.3	62.3	62.5	62.6	62.6	62.7	62.7	62.8	62.8	62.8
≥ 1200	41.4	63.5	65.7	67.1	67.9	67.8	68.3	68.3	68.5	68.6	68.7	68.7	68.8	68.8	68.8	68.8
≥ 1000	43.4	69.5	72.2	74.1	75.3	75.3	75.8	76.1	76.5	76.8	76.9	76.9	77.0	77.0	77.0	77.0
≥ 900	43.3	71.6	73.4	75.4	76.9	76.9	77.5	78.1	78.2	78.6	78.7	78.7	78.8	78.8	78.8	78.8
≥ 800	44.1	71.9	75.4	77.5	79.1	79.2	80.3	80.9	81.2	81.5	81.6	81.6	81.7	81.7	81.7	81.7
≥ 700	44.4	73.0	76.9	79.5	81.6	81.7	83.0	83.7	84.0	84.4	84.5	84.5	84.6	84.6	84.6	84.6
≥ 600	45.1	76.1	81.4	83.3	85.8	85.9	87.5	88.3	88.6	89.5	89.6	89.6	89.7	89.7	89.7	89.7
≥ 500	45.2	76.9	81.8	84.8	87.6	87.8	91.2	91.2	91.6	92.6	92.9	93.1	93.3	93.3	93.5	93.7
≥ 400	45.3	77.1	82.2	85.2	88.7	88.9	91.4	92.7	93.1	94.3	95.1	95.3	95.6	95.9	96.7	96.8
≥ 300	45.3	77.3	82.5	85.5	89.5	89.7	92.2	93.4	93.9	95.4	96.3	96.6	97.0	97.4	98.5	98.9
≥ 200	45.3	77.3	82.5	85.5	89.5	89.7	92.2	93.8	94.2	95.7	96.7	96.9	97.5	98.1	99.4	100.0
≥ 100	45.3	77.3	82.5	85.5	89.5	89.7	92.2	93.8	94.2	95.7	96.7	96.9	97.5	98.1	99.4	100.0
≥ 0	45.3	77.3	82.5	85.5	89.5	89.7	92.2	93.8	94.2	95.7	96.7	96.9	97.5	98.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 WASHINGTON  
 AIR WEATHER SERVICE/AFAC

# CEILING VERSUS VISIBILITY

STATION NAME  
 CHEMVA AIR AB

74-07

YEARS

MONTH  
 MAY

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2400  
 HOURS LST

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
≥ 20000	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
≥ 18000	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
≥ 16000	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥ 14000	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥ 12000	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥ 10000	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥ 9000	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥ 8000	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥ 7000	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥ 6000	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥ 5000	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥ 4500	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥ 4000	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥ 3500	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥ 3000	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥ 2500	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥ 2000	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥ 1800	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥ 1600	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥ 1400	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥ 1200	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥ 1000	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥ 900	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥ 800	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥ 700	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥ 600	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥ 500	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥ 400	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥ 300	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥ 200	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥ 100	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥ 0	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3

TOTAL NUMBER OF OBSERVATIONS 932

FEDERAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE A-14C

# CEILING VERSUS VISIBILITY

STATION NO. 14 STATION NAME LIMA, PERU YEAR 1964 MONTH MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

116-2736  
HOURS 15

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	4.7	1.3	1.3	1.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥20000	4.7	1.3	1.3	1.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥18000	4.7	1.3	1.3	1.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥16000	4.7	1.3	1.3	1.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥14000	4.7	1.3	1.3	1.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥12000	4.7	1.3	1.3	1.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥10000	4.7	1.3	1.3	1.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥8000	4.7	1.3	1.3	1.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥6000	4.7	1.3	1.3	1.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥5000	4.7	1.3	1.3	1.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥4500	4.7	1.3	1.3	1.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥4000	4.7	1.3	1.3	1.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥3500	4.7	1.3	1.3	1.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥3000	4.7	1.3	1.3	1.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥2500	4.7	1.3	1.3	1.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥2000	4.7	1.3	1.3	1.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥1800	4.7	1.3	1.3	1.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥1500	4.7	1.3	1.3	1.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥1200	4.7	1.3	1.3	1.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥1000	4.7	1.3	1.3	1.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥900	4.7	1.3	1.3	1.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥800	4.7	1.3	1.3	1.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥700	4.7	1.3	1.3	1.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥600	4.7	1.3	1.3	1.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥500	4.7	1.3	1.3	1.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥400	4.7	1.3	1.3	1.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥300	4.7	1.3	1.3	1.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥200	4.7	1.3	1.3	1.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥100	4.7	1.3	1.3	1.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥0	4.7	1.3	1.3	1.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 104 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 ATMOSPHERIC SERVICE/ETAC

# CEILING VERSUS VISIBILITY

STATION 4 DISNEY AFB AR STATION NAME 74-21 YEARS MAY MONTH  
 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) ALL HOURS 1-24

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	7.1	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.2	2.9	2.6
≥ 20000	7.1	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.2	2.9	2.6
≥ 18000	7.1	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.2	2.9	2.6
≥ 16000	7.1	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.2	2.9	2.6
≥ 14000	7.1	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.2	2.9	2.6
≥ 12000	7.1	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.2	2.9	2.6
≥ 10000	7.1	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.2	2.9	2.6
≥ 9000	7.1	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.2	2.9	2.6
≥ 8000	7.1	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.2	2.9	2.6
≥ 7000	7.1	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.2	2.9	2.6
≥ 6000	7.1	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.2	2.9	2.6
≥ 5000	7.1	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.2	2.9	2.6
≥ 4500	7.1	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.2	2.9	2.6
≥ 4000	7.1	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.2	2.9	2.6
≥ 3500	7.1	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.2	2.9	2.6
≥ 3000	7.1	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.2	2.9	2.6
≥ 2500	7.1	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.2	2.9	2.6
≥ 2000	7.1	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.2	2.9	2.6
≥ 1800	7.1	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.2	2.9	2.6
≥ 1500	7.1	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.2	2.9	2.6
≥ 1200	7.1	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.2	2.9	2.6
≥ 1000	7.1	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.2	2.9	2.6
≥ 900	7.1	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.2	2.9	2.6
≥ 800	7.1	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.2	2.9	2.6
≥ 700	7.1	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.2	2.9	2.6
≥ 600	7.1	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.2	2.9	2.6
≥ 500	7.1	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.2	2.9	2.6
≥ 400	7.1	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.2	2.9	2.6
≥ 300	7.1	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.2	2.9	2.6
≥ 200	7.1	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.2	2.9	2.6
≥ 100	7.1	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.2	2.9	2.6
≥ 0	7.1	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.2	2.9	2.6

TOTAL NUMBER OF OBSERVATIONS 748

GENERAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAJ

## CEILING VERSUS VISIBILITY

STATION: DAWYD AFB AK

74-87

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

000-0000  
HOURS 1-1

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64
NO CEILING	1.7	3.7	7.7	7.7	3.7	5.7	3.7	7.7	7.7	3.7	7.7	3.7	7.7	7.7	5.7	3.7
≥ 20000	1.7	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
≥ 18000	1.7	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
≥ 16000	1.7	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
≥ 14000	1.7	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
≥ 12000	1.7	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
≥ 10000	1.7	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
≥ 9000	1.7	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
≥ 8000	1.7	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
≥ 7000	1.7	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
≥ 6000	2.1	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥ 5000	2.1	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥ 4500	2.1	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥ 4000	2.1	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥ 3500	1.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 3000	1.7	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
≥ 2500	3.7	14.7	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
≥ 2000	5.7	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
≥ 1800	5.7	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
≥ 1500	7.7	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
≥ 1200	7.7	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
≥ 1000	7.7	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
≥ 900	7.7	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
≥ 800	7.7	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
≥ 700	7.7	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
≥ 600	7.7	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
≥ 500	7.7	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
≥ 400	7.7	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
≥ 300	7.7	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
≥ 200	7.7	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
≥ 100	7.7	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
≥ 0	7.7	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY REPORT  
 USAF ETAC  
 AIRCRAFT SERVICE ZONE

# CEILING VERSUS VISIBILITY

STATION: SIEMMA AFB STATION NAME: SIEMMA AFB YEAR: 1964 MONTH: 12

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

300-2500  
 HOURS

CEILING FEET	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥.005
NO. CEILING ≥ 20000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≥ 18000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≥ 16000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≥ 14000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≥ 12000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≥ 10000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≥ 9000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≥ 8000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≥ 7000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≥ 6000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≥ 5000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≥ 4500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≥ 4000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≥ 3500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≥ 3000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≥ 2500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≥ 2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≥ 1800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≥ 1600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≥ 1400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≥ 1200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≥ 1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≥ 900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≥ 800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≥ 700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≥ 600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≥ 500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≥ 400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≥ 300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≥ 200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
≥ 100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL NUMBER OF OBSERVATIONS 970

14 MAY 1963

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

309

610-2600

TOTAL NUMBER OF OBSERVATIONS 970

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
ATMOSPHERIC SERVICE/AMC

# CEILING VERSUS VISIBILITY

STATION: STANNA AFB BY: 7/6-77 YEARS: JUN  
MONTH: 000-1100  
PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 20000	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 18000	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 16000	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 14000	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 12000	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 10000	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 9000	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 8000	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 7000	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 6000	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 5000	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 4500	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 4000	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 3500	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 3000	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 2500	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 2000	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 1800	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 1500	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 1200	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 1000	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 900	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 800	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 700	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 600	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 500	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 400	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 300	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 200	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 100	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 0	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7

TOTAL NUMBER OF OBSERVATIONS: 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AFW WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION NAME  
SMENYA AFB AK

74-7

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1990-1999  
HOURS 151

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.20
NO CEILING	7.1	4.1	4.1	4.1	4.1	4.1	4.1	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
≥ 20000	5.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 18000	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 16000	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 14000	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 12000	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 10000	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 9000	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 8000	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 7000	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 6000	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 5000	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 4500	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 4000	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 3500	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 3000	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 2500	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 2000	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 1800	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 1500	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 1200	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 1000	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 900	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 800	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 700	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 600	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 500	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 400	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 300	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 200	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 100	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 0	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
ATC WEATHER SERVICE/AC

## CEILING VERSUS VISIBILITY

STATION 144 SHEILA AFB AK STATION NAME

74-87 YEARS

JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1000-1700 HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	4.3	3.3	5.7	6.1	6.7	6.3	6.3	6.3	6.7	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥ 20000	6.4	5.8	6.1	6.4	5.4	6.4	5.3	6.3	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
≥ 18000	4.3	6.1	6.4	6.8	6.8	6.8	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 16000	4.3	6.1	6.4	6.8	6.8	6.8	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 14000	5.3	6.4	6.9	7.2	7.2	7.2	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
≥ 12000	5.3	6.8	7.1	7.4	7.4	7.4	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
≥ 10000	5.4	7.1	7.3	7.7	7.7	7.7	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
≥ 9000	5.3	7.3	7.7	8.1	8.1	8.1	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
≥ 8000	6.4	6.8	9.1	9.4	9.4	9.4	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
≥ 7000	7.1	7.3	10.4	10.8	10.8	10.8	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
≥ 6000	7.1	11.3	11.4	11.1	11.1	11.1	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
≥ 5000	7.1	11.1	11.1	11.9	11.9	11.9	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
≥ 4500	8.1	11.4	11.9	12.2	12.2	12.2	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6
≥ 4000	9.1	14.3	14.8	15.1	15.1	15.1	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
≥ 3500	12.1	17.7	17.7	17.6	17.6	17.6	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9
≥ 3000	14.1	17.9	19.4	19.8	19.8	19.8	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
≥ 2500	17.3	27.2	27.9	23.1	23.2	23.2	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
≥ 2000	19.7	26.3	26.9	27.2	27.3	27.3	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
≥ 1800	17.9	27.7	28.2	28.6	28.7	28.7	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
≥ 1500	2.1	32.6	33.6	33.9	34.0	34.0	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 1200	27.6	38.3	39.9	4.2	47.6	40.6	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 1000	27.3	42.6	45.2	45.7	46.3	46.6	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 900	27.1	43.0	45.8	46.2	47.3	47.9	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 800	27.6	45.2	48.4	49.0	50.6	51.1	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 700	28.8	47.0	50.7	51.6	53.2	53.8	54.4	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 600	29.7	5.7	54.7	55.1	57.1	57.8	58.9	59.1	59.2	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 500	31.3	54.1	57.4	61.0	64.4	65.3	66.9	67.6	67.9	68.4	68.8	68.8	68.9	69.0	69.2	69.2
≥ 400	30.3	55.9	62.7	64.7	69.4	71.7	73.3	74.3	75.2	76.7	77.6	77.8	78.2	78.3	78.6	78.6
≥ 300	30.4	56.8	64.2	66.6	72.0	73.6	78.8	81.1	82.4	84.7	87.1	87.6	88.8	89.9	90.6	90.8
≥ 200	31.4	57.2	64.9	67.3	73.0	74.7	80.4	83.2	84.7	87.1	91.3	92.0	94.6	96.1	96.9	97.6
≥ 100	31.4	57.2	64.9	67.3	73.0	74.7	80.4	83.2	84.7	87.2	91.6	92.2	95.0	97.0	98.6	99.6
≥ 0	31.4	57.2	64.9	67.3	73.0	74.7	80.4	83.2	84.7	87.2	91.6	92.2	95.0	97.0	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

STATION  
014

STATION NAME  
SIENYA AFB AK

DATE  
14-87

YEARS

MONTH  
JUN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1900-2000  
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2	≥ .15	≥ .1
NO CEILING	3.4	4.4	5.1	5.1	5.1	5.1	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
≥ 20000	4.4	5.4	5.7	5.7	5.7	5.7	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
≥ 18000	4.4	5.4	5.7	5.7	5.7	5.7	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
≥ 16000	4.4	5.4	5.7	5.7	5.7	5.7	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
≥ 14000	4.4	5.4	5.7	5.7	5.7	5.7	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
≥ 12000	4.4	5.4	5.7	5.7	5.7	5.7	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
≥ 10000	4.4	5.4	5.7	5.7	5.7	5.7	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
≥ 9000	4.4	5.4	5.7	5.7	5.7	5.7	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
≥ 8000	4.4	5.4	5.7	5.7	5.7	5.7	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
≥ 7000	4.4	5.4	5.7	5.7	5.7	5.7	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
≥ 6000	4.4	5.4	5.7	5.7	5.7	5.7	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
≥ 5000	4.4	5.4	5.7	5.7	5.7	5.7	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
≥ 4500	4.4	5.4	5.7	5.7	5.7	5.7	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
≥ 4000	4.4	5.4	5.7	5.7	5.7	5.7	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
≥ 3500	4.4	5.4	5.7	5.7	5.7	5.7	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
≥ 3000	4.4	5.4	5.7	5.7	5.7	5.7	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
≥ 2500	4.4	5.4	5.7	5.7	5.7	5.7	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
≥ 2000	4.4	5.4	5.7	5.7	5.7	5.7	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
≥ 1800	4.4	5.4	5.7	5.7	5.7	5.7	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
≥ 1500	4.4	5.4	5.7	5.7	5.7	5.7	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
≥ 1200	4.4	5.4	5.7	5.7	5.7	5.7	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
≥ 1000	4.4	5.4	5.7	5.7	5.7	5.7	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
≥ 900	4.4	5.4	5.7	5.7	5.7	5.7	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
≥ 800	4.4	5.4	5.7	5.7	5.7	5.7	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
≥ 700	4.4	5.4	5.7	5.7	5.7	5.7	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
≥ 600	4.4	5.4	5.7	5.7	5.7	5.7	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
≥ 500	4.4	5.4	5.7	5.7	5.7	5.7	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
≥ 400	4.4	5.4	5.7	5.7	5.7	5.7	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
≥ 300	4.4	5.4	5.7	5.7	5.7	5.7	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
≥ 200	4.4	5.4	5.7	5.7	5.7	5.7	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
≥ 100	4.4	5.4	5.7	5.7	5.7	5.7	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
≥ 0	4.4	5.4	5.7	5.7	5.7	5.7	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AAC

# CEILING VERSUS VISIBILITY

STATION 24-07 YEARS 21.0-23.00  
STATION NAME MONTH YEAR  
PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
≥ 20000	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
≥ 18000	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
≥ 16000	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
≥ 14000	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
≥ 12000	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
≥ 10000	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
≥ 9000	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
≥ 8000	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 7000	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
≥ 6000	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
≥ 5000	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
≥ 4500	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
≥ 4000	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
≥ 3500	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6
≥ 3000	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
≥ 2500	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
≥ 2000	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 1800	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 1500	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
≥ 1200	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 1000	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 900	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 800	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 700	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 600	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 500	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 400	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 300	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 200	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 100	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 0	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8

TOTAL NUMBER OF OBSERVATIONS 920

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
ATMOSPHERIC SERVICE/MAC

## CEILING VERSUS VISIBILITY

STATION: 744 SHEMYA AFB AK

STATION NAME

74-57

YEARS

JUN

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥.05
NO CEILING	4.7	3.9	3.9	3.9	3.9	3.9	4.7	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
≥ 20000	4.7	4.4	4.4	4.4	4.4	4.4	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
≥ 18000	4.7	4.5	4.5	4.5	4.5	4.5	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
≥ 16000	4.7	4.5	4.5	4.5	4.5	4.5	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
≥ 14000	4.7	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
≥ 12000	4.7	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
≥ 10000	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
≥ 9000	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
≥ 8000	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
≥ 7000	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 6000	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 5000	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 4500	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 4000	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 3500	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
≥ 3000	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
≥ 2500	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
≥ 2000	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
≥ 1800	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
≥ 1500	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
≥ 1200	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
≥ 1000	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
≥ 900	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 800	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 700	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 600	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 500	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 400	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 300	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 200	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 100	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0

TOTAL NUMBER OF OBSERVATIONS 7200

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
INAFETAC  
AIR WEATHER SERVICE/TAC

# CEILING VERSUS VISIBILITY

STATION 24 SHEVA AIR AN STATION NAME 14-67 YEARS 1911

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

000-000  
HOURS 15

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ .1	≥ .05	≥ .025	≥ .01	≥ 0
NO CEILING	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 20000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 18000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 16000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 14000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 12000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 10000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 9000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 8000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 7000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 6000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 5000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 4500	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 4000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 3500	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 3000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 2500	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 2000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 1800	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 1500	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 1200	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 1000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 900	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 800	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 700	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 600	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 500	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 400	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 300	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 200	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 100	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

TOTAL NUMBER OF OBSERVATIONS 970

USAF ETAC FORM 10-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
ATLANTIC SERVICE/NAO

# CEILING VERSUS VISIBILITY

STATION 1447 SHENYA AFB AK

74-67

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1300-05.0  
HOURS LST

CEILING FEET	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
≥20000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥18000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥16000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥14000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥12000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥10000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥8000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥6000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥4000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥2000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥1000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥800	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥600	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥400	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥200	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥100	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AFW WEATHER SERVICE/AMC

# CEILING VERSUS VISIBILITY

STATION 1474 SHEPPA AIR AN STATION NAME 14-77 YEARS JUL 1960

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1610-0800  
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 20000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 18000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 16000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 14000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 12000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 10000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 9000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 8000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 7000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 6000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 5000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 4500	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 4000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 3500	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 3000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 2500	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 2000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 1800	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 1500	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 1200	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 1000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 900	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 800	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 700	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 600	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 500	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 400	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 300	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 200	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 100	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

TOTAL NUMBER OF OBSERVATIONS 230

CLIMATE CLIMATOLOGY BRANCH  
CENTETAC  
AIR STATION - SERVICE AREA

# CEILING VERSUS VISIBILITY

STATION NAME  
STATION NAME

YEARS

JUL  
MONTH  
1977-1978  
HOURS 151

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ .1	≥ .05	≥ .02	≥ 0
≥ 20000	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 18000	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 16000	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 14000	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 12000	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 10000	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 8000	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 6000	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 4500	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 4000	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 3500	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 3000	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 2500	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 2000	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 1800	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 1500	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 1200	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 1000	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 900	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 800	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 700	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 600	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 500	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 400	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 300	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 200	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 100	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥ 0	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4

TOTAL NUMBER OF OBSERVATIONS 931

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION 1414 STATION NAME DENVER AFB AK YEARS 74-75 MONTH JULY  
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) 1000-1400 HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
≥ 20000	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
≥ 18000	2.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
≥ 16000	2.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
≥ 14000	2.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
≥ 12000	2.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
≥ 10000	2.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
≥ 9000	2.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
≥ 8000	2.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
≥ 7000	2.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
≥ 6000	2.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
≥ 5000	2.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
≥ 4500	2.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
≥ 4000	2.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
≥ 3500	2.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
≥ 3000	2.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
≥ 2500	2.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
≥ 2000	2.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
≥ 1800	2.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
≥ 1500	2.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
≥ 1200	2.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
≥ 1000	2.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
≥ 900	2.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
≥ 800	2.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
≥ 700	2.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
≥ 600	2.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
≥ 500	2.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
≥ 400	2.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
≥ 300	2.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
≥ 200	2.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
≥ 100	2.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
≥ 0	2.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 WAFS/AC  
 AIR WEATHER SERVICE/NAO

# CEILING VERSUS VISIBILITY

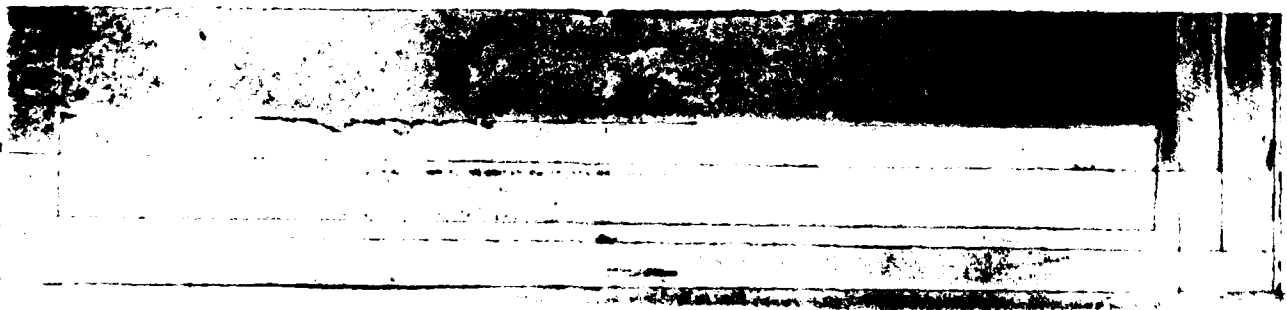
STATION 7-074 SHENYA APR 51 STATION NAME 74-01 YEARS JUL MONTH 1950-1950 HOURS 151

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
≥20000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥18000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥16000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥14000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥12000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥10000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥8000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥6000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥4000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥1000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥0.025	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS 979

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



CLIMATE BUREAU  
OFFICE  
AT WASHINGTON, D.C.

# CEILING VERSUS VISIBILITY

STATION NAME: WASH DC METRO YEAR: 1954 MONTH: 12

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19 0-2 10  
HOURS 1-5

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥.005
≥2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL NUMBER OF OBSERVATIONS: 970

## CEILING VERSUS VISIBILITY

100

Jul

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

100-2302

[illegible]TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION NAME: WHEELA AFB AR YEARS: 1964-1965 MONTH: ALL

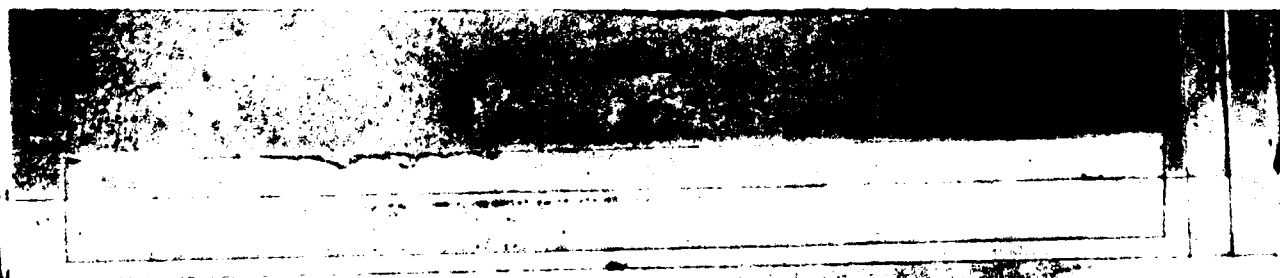
## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS TEST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.5	≥.5	≥.5	≥.5	≥.5
NO CEILING	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
≥20000	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
≥18000	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
≥16000	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
≥14000	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
≥12000	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
≥10000	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
≥9000	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
≥8000	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
≥7000	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
≥6000	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
≥5000	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
≥4500	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
≥4000	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
≥3500	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
≥3000	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
≥2500	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
≥2000	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
≥1800	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
≥1500	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
≥1200	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
≥1000	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
≥900	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
≥800	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
≥700	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
≥600	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
≥500	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
≥400	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
≥300	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
≥200	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
≥100	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
≥0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4

TOTAL NUMBER OF OBSERVATIONS 7439

USAF ETAC FORM 10-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

7-114  
STATION

SIOMYA AFB AK

STATION NAME

74-81

YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

990-0200  
HOURS 151

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥.0
NO CEILING	2.5	6.3	6.7	6.6	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 20000	2.5	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 18000	2.5	6.5	6.6	6.7	6.8	6.8	6.7	6.8	6.7	6.8	6.8	6.8	6.8	6.8	6.8	6.8
≥ 16000	2.5	6.5	6.6	6.7	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
≥ 14000	2.5	6.5	6.7	6.7	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
≥ 12000	2.5	6.5	6.6	6.7	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
≥ 10000	2.5	6.5	6.6	6.7	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
≥ 9000	2.5	6.5	6.6	6.7	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
≥ 8000	2.5	6.3	6.9	7.0	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 7000	2.5	7.7	7.8	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 6000	2.5	7.6	7.8	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
≥ 5000	2.5	8.4	8.6	8.7	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
≥ 4500	2.5	8.5	8.7	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
≥ 4000	2.5	8.8	10.2	10.2	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
≥ 3500	2.5	10.0	10.2	10.4	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
≥ 3000	2.5	1.4	11.0	11.1	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
≥ 2500	2.5	1.9	11.3	11.8	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
≥ 2000	2.5	12.9	14.4	14.9	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
≥ 1800	2.5	14.1	14.7	15.3	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
≥ 1500	2.5	16.8	17.6	18.4	19.0	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
≥ 1200	2.5	21.1	21.9	22.7	22.8	22.9	23.0	23.0	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 1000	2.5	22.7	24.2	25.1	26.2	26.3	26.5	26.6	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
≥ 900	3.5	23.4	25.1	25.9	27.1	27.2	27.4	27.6	27.6	27.7	27.7	27.7	27.7	27.7	27.7	27.7
≥ 800	3.5	25.8	27.6	28.5	30.7	30.7	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9
≥ 700	4.5	27.8	29.9	30.9	32.7	32.8	33.2	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
≥ 600	4.5	28.5	30.8	31.7	34.6	34.7	35.6	35.9	35.9	36.0	36.1	36.1	36.2	36.5	36.7	36.8
≥ 500	4.5	31.6	33.8	35.7	37.4	39.8	41.6	42.9	42.9	43.8	44.3	44.3	44.3	44.8	45.6	46.2
≥ 400	4.5	31.2	35.5	38.1	43.4	44.0	47.4	49.9	51.5	52.8	54.7	54.8	55.7	56.9	58.1	58.9
≥ 300	4.5	32.5	36.7	39.7	46.3	46.9	51.3	55.7	56.8	60.4	63.7	63.8	66.6	69.1	73.2	77.3
≥ 200	4.5	32.5	36.7	39.7	46.8	47.3	52.3	57.8	59.7	64.2	69.7	69.5	76.0	80.3	86.1	91.4
≥ 100	4.5	32.5	36.7	39.7	46.8	47.3	52.3	58.0	59.8	64.5	70.0	70.4	77.1	82.0	91.2	97.7
≥ 0	4.5	32.5	36.7	39.7	46.8	47.3	52.3	58.0	59.8	64.5	70.0	70.4	77.1	82.2	92.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

STATION 14-0000

STATION NAME

14-0000

YEARS

AUG

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1300-2500  
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
≥ 20000	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
≥ 18000	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
≥ 16000	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
≥ 14000	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
≥ 12000	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
≥ 10000	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
≥ 9000	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
≥ 8000	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
≥ 7000	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
≥ 6000	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
≥ 5000	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
≥ 4500	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
≥ 4000	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
≥ 3500	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
≥ 3000	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
≥ 2500	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
≥ 2000	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
≥ 1800	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
≥ 1500	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
≥ 1200	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
≥ 1000	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
≥ 900	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
≥ 800	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
≥ 700	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
≥ 600	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
≥ 500	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
≥ 400	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
≥ 300	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
≥ 200	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
≥ 100	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
≥ 0	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION 14 SIEMPA AFB AK

1967

YEARS

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

600-0800  
HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.2	≥.16	≥.1	≥0
NO CEILING	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 20000	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 18000	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 16000	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 14000	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 12000	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 10000	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 9000	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 8000	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 7000	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 6000	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 5000	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 4500	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 4000	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 3500	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 3000	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 2500	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 2000	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 1800	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 1500	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 1200	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 1000	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 900	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 800	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 700	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 600	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 500	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 400	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 300	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 200	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 100	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 0	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/ANAC

# CEILING VERSUS VISIBILITY

7-4-64 STATION NAME

14-67

YEARS

AUG

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

900-100  
HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.25	≥.2	≥.16	≥.1
NO. CEILING	1.3	4.1	6.1	6.1	4.7	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 20000	3.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 18000	3.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 16000	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 14000	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 12000	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 10000	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 9000	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 8000	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 7000	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 6000	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 5000	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 4500	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 4000	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 3500	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 3000	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 2500	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 2000	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 1800	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 1600	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 1400	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 1200	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 1000	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 900	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 800	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 700	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 600	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 500	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 400	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 300	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 200	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 100	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 0	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY  
 CEILING  
 VISIBILITY

# CEILING VERSUS VISIBILITY

STATION NAME: STATION NAME YEAR: 1954 MONTH: AUG  
 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) 1954-1955  
 HOURS: 151

CEILING FEET	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
≥2000	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥1800	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥1600	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥1400	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥1200	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥1000	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥900	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥800	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥700	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥600	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥500	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥450	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥400	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥350	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥300	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥250	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥200	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥150	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥100	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥50	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥0	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4

TOTAL NUMBER OF OBSERVATIONS: 930

USAF ETAC FORM 10-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH  
USAFETAC  
AT HEATH AIR SERVICE/MAO

## CEILING VERSUS VISIBILITY

STATION  
STATION NAME

YEARS

DATE

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

15-0-1700  
HOURS TEST

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.15	≥.1	≥.05	≥.025	≥.01
NO CEILING	6.7	5.6	5.7	5.7	5.7	5.7	5.7	5.9	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥20000	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥18000	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥16000	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥14000	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥12000	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥10000	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥9000	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥8000	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥7000	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥6000	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥5000	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥4500	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥4000	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥3500	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥3000	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥2500	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥2000	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥1800	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥1500	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥1200	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥1000	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥900	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥800	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥700	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥600	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥500	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥400	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥300	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥200	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥100	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥0	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY SEARCH  
USAF ETAC  
AIR WEATHER SERVICE/ETAC

# CEILING VERSUS VISIBILITY

STATION NAME  
SHEPHERD AFB TX

DATE  
11-67

YEARS

MONTH  
AUG

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19 0-2000  
HOURS 151

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥3/8	≥1/2	≥5/16	≥1/4	≥0
NO CEILING	6.1	6.1	6.0	5.6	5.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
≥ 20000	4.1	7.2	7.2	7.2	7.2	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥ 18000	4.1	7.2	7.2	7.2	7.2	7.4	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
≥ 16000	4.1	7.3	7.3	7.3	7.4	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
≥ 14000	4.1	7.5	7.5	7.5	7.7	7.7	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
≥ 12000	5.1	8.2	8.2	8.2	8.4	8.4	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
≥ 10000	5.1	8.5	8.5	8.5	8.6	8.7	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
≥ 9000	5.1	8.5	8.5	8.5	8.6	8.7	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
≥ 8000	6.1	9.2	9.2	9.2	9.3	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
≥ 7000	7.1	11.2	11.2	11.6	11.7	11.8	11.7	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
≥ 6000	7.1	11.2	11.2	11.6	11.7	11.8	11.7	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
≥ 5000	7.1	11.7	11.7	11.6	11.7	11.8	11.7	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
≥ 4500	9.1	14.0	14.0	14.4	14.5	14.6	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥ 4000	9.1	14.1	14.1	14.4	14.5	14.6	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥ 3500	11.1	16.5	16.5	16.2	16.5	16.6	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9
≥ 3000	11.1	17.1	17.1	17.7	17.7	18.1	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
≥ 2500	12.1	17.7	19.1	19.4	19.6	19.7	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 2000	14.2	21.1	21.7	22.1	22.7	22.4	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 1800	14.2	21.5	22.2	22.5	22.7	22.9	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 1500	15.1	24.2	24.6	25.2	25.9	27.0	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
≥ 1200	17.2	27.8	28.6	29.2	29.9	30.0	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
≥ 1000	17.4	31.1	31.7	32.7	33.5	33.7	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 900	19.7	31.7	32.4	33.5	34.4	34.5	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
≥ 800	20.3	33.1	34.2	34.9	35.9	36.0	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 700	1.2	35.4	36.1	37.3	38.7	38.4	39.2	39.4	39.4	39.5	39.6	39.6	39.6	39.6	39.6	39.6
≥ 600	22.4	35.1	35.7	36.4	37.4	37.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
≥ 500	23.1	42.2	44.0	46.8	49.2	49.4	51.1	52.6	52.7	53.7	54.5	54.5	54.5	54.5	54.5	54.5
≥ 400	24.3	44.4	47.0	51.2	54.1	54.3	56.9	58.9	59.4	61.0	62.5	62.7	64.2	64.7	65.7	65.8
≥ 300	24.4	45.3	49.2	51.6	56.5	57.0	61.1	63.8	64.4	68.4	72.9	73.2	76.7	78.8	81.3	83.4
≥ 200	24.4	45.3	49.2	52.2	57.4	58.3	61.7	65.9	66.7	70.9	77.2	77.5	82.7	85.8	89.8	93.4
≥ 100	24.4	45.9	49.5	52.2	57.4	58.3	61.7	65.9	66.7	71.3	78.1	78.6	84.5	88.9	94.6	99.7
≥ 0	24.4	45.7	49.5	52.2	57.4	58.3	61.7	65.9	66.7	71.3	78.2	78.7	84.7	89.1	95.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AT WASHINGTON SERVICE/MAAC

# CEILING VERSUS VISIBILITY

STATION 144 WASHINGTON AIR AR 74-57 YEARS AUG  
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) 1100-2300 HOURS (15)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥20000	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥18000	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥16000	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥14000	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥12000	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥10000	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥8000	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥6000	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥4000	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥3000	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥2000	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥1800	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥1600	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥1400	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥1200	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥1000	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥900	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥800	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥700	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥600	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥500	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥400	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥300	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥200	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥100	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥50	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/PAC

# CEILING VERSUS VISIBILITY

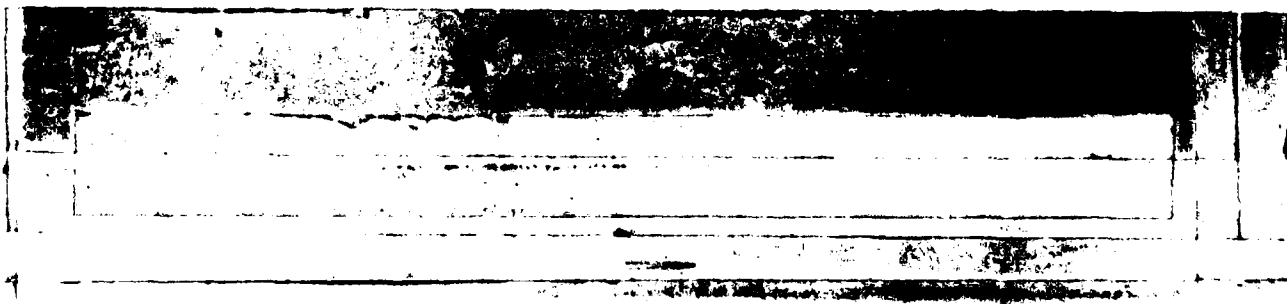
STATION 74-27 STATION NAME YEARS AUG MONTH ALL HOURS

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	≥1/512
NO CEILING	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
≥20000	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
≥18000	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
≥16000	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
≥14000	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
≥12000	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
≥10000	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
≥9000	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
≥8000	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
≥7000	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
≥6000	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
≥5000	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
≥4500	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
≥4000	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
≥3500	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
≥3000	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
≥2500	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
≥2000	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
≥1800	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
≥1600	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
≥1400	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
≥1200	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
≥1000	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
≥900	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
≥800	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
≥700	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
≥600	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
≥500	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
≥400	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
≥300	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
≥200	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
≥100	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
≥0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE





GENERAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIRCRAFT SERVICE BRANCH

# CEILING VERSUS VISIBILITY

STATION: 14-5 (OL A) STATION NAME: YEARS: SEP MONTH: 1954

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-7000  
 HOURS: 151

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	21.3	22.4	22.4	23.7	22.7	23.7	23.7	23.8	22.9	22.8	22.9	22.9	22.9	22.9	22.9	22.9
≥ 20000	22.4	23.4	23.4	23.7	23.7	23.7	23.7	23.8	23.8	23.8	23.9	23.9	23.9	23.9	23.9	23.9
≥ 18000	23.7	24.7	24.7	24.9	24.9	24.9	24.9	25.0	25.0	25.1	25.2	25.2	25.2	25.2	25.2	25.2
≥ 16000	24.1	25.1	25.1	25.4	25.4	25.4	25.6	25.6	25.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8
≥ 14000	24.6	25.6	25.6	25.9	25.9	25.9	26.0	26.1	26.1	26.2	26.2	26.2	26.2	26.2	26.2	26.2
≥ 12000	25.1	26.1	26.1	26.4	26.4	26.4	26.6	26.6	26.7	26.7	26.8	26.8	26.8	26.8	26.8	26.8
≥ 10000	25.6	26.6	26.6	26.9	26.9	26.9	27.0	27.0	27.1	27.1	27.2	27.2	27.2	27.2	27.2	27.2
≥ 9000	26.1	27.1	27.1	27.4	27.4	27.4	27.6	27.6	27.7	27.7	27.8	27.8	27.8	27.8	27.8	27.8
≥ 8000	26.6	27.6	27.6	27.9	27.9	27.9	28.0	28.1	28.1	28.2	28.2	28.2	28.2	28.2	28.2	28.2
≥ 7000	27.1	28.1	28.1	28.4	28.4	28.4	28.6	28.6	28.7	28.7	28.8	28.8	28.8	28.8	28.8	28.8
≥ 6000	27.6	28.6	28.6	28.9	28.9	28.9	29.0	29.1	29.1	29.2	29.2	29.2	29.2	29.2	29.2	29.2
≥ 5000	28.1	29.1	29.1	29.4	29.4	29.4	29.6	29.6	29.7	29.7	29.8	29.8	29.8	29.8	29.8	29.8
≥ 4500	28.6	29.6	29.6	29.9	29.9	29.9	30.0	30.1	30.1	30.2	30.2	30.2	30.2	30.2	30.2	30.2
≥ 4000	29.1	30.1	30.1	30.4	30.4	30.4	30.6	30.6	30.7	30.7	30.8	30.8	30.8	30.8	30.8	30.8
≥ 3500	29.6	30.6	30.6	30.9	30.9	30.9	31.0	31.1	31.1	31.2	31.2	31.2	31.2	31.2	31.2	31.2
≥ 3000	30.1	31.1	31.1	31.4	31.4	31.4	31.6	31.6	31.7	31.7	31.8	31.8	31.8	31.8	31.8	31.8
≥ 2500	30.6	31.6	31.6	31.9	31.9	31.9	32.0	32.1	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2
≥ 2000	31.1	32.1	32.1	32.4	32.4	32.4	32.6	32.6	32.7	32.7	32.8	32.8	32.8	32.8	32.8	32.8
≥ 1800	31.6	32.6	32.6	32.9	32.9	32.9	33.0	33.1	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2
≥ 1600	32.1	33.1	33.1	33.4	33.4	33.4	33.6	33.6	33.7	33.7	33.8	33.8	33.8	33.8	33.8	33.8
≥ 1400	32.6	33.6	33.6	33.9	33.9	33.9	34.0	34.1	34.1	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 1200	33.1	34.1	34.1	34.4	34.4	34.4	34.6	34.6	34.7	34.7	34.8	34.8	34.8	34.8	34.8	34.8
≥ 1000	33.6	34.6	34.6	34.9	34.9	34.9	35.0	35.1	35.1	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 900	34.1	35.1	35.1	35.4	35.4	35.4	35.6	35.6	35.7	35.7	35.8	35.8	35.8	35.8	35.8	35.8
≥ 800	34.6	35.6	35.6	35.9	35.9	35.9	36.0	36.1	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 700	35.1	36.1	36.1	36.4	36.4	36.4	36.6	36.6	36.7	36.7	36.8	36.8	36.8	36.8	36.8	36.8
≥ 600	35.6	36.6	36.6	36.9	36.9	36.9	37.0	37.1	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 500	36.1	37.1	37.1	37.4	37.4	37.4	37.6	37.6	37.7	37.7	37.8	37.8	37.8	37.8	37.8	37.8
≥ 400	36.6	37.6	37.6	37.9	37.9	37.9	38.0	38.1	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 300	37.1	38.1	38.1	38.4	38.4	38.4	38.6	38.6	38.7	38.7	38.8	38.8	38.8	38.8	38.8	38.8
≥ 200	37.6	38.6	38.6	38.9	38.9	38.9	39.0	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 100	38.1	39.1	39.1	39.4	39.4	39.4	39.6	39.6	39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.8
≥ 0	38.6	39.6	39.6	39.9	39.9	39.9	40.0	40.0	40.1	40.1	40.2	40.2	40.2	40.2	40.2	40.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
GRAPHIC  
AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

STATION NO. 1074 STATION NAME LITTONA AFB AK

DATE 11-87

YEAR

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1700-2500  
HOURS (ST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ .15	≥ .1	≥ .05	≥ .025	≥ 0
NO CEILING	4.8	27.4	27.8	22.2	23.4	23.1	27.7	23.2	27.7	23.2	27.7	23.2	23.2	23.2	23.2	23.2
≥ 20000	4.8	24.3	24.1	24.2	24.4	24.4	24.7	24.6	24.7	24.6	24.7	24.6	24.6	24.6	24.6	24.6
≥ 18000	4.8	24.2	24.1	24.7	24.6	24.9	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1
≥ 16000	4.8	24.7	24.7	24.7	24.8	24.9	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
≥ 14000	4.8	24.7	25.1	25.2	25.0	25.4	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 12000	4.8	24.6	25.7	25.3	25.7	25.6	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
≥ 10000	4.8	25.8	26.7	26.3	26.6	26.6	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
≥ 9000	4.8	26.7	26.7	26.4	26.7	26.7	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
≥ 8000	4.8	26.9	27.7	27.4	27.7	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
≥ 7000	4.8	27.7	28.0	27.2	28.4	28.4	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
≥ 6000	4.8	28.3	28.5	28.9	29.1	29.1	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
≥ 5000	4.8	29.4	29.9	29.9	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
≥ 4500	4.8	30.2	30.7	30.8	30.1	30.1	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
≥ 4000	4.8	30.7	30.1	30.4	30.8	30.8	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9
≥ 3500	4.8	31.2	41.7	42.0	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 3000	4.8	40.4	47.4	47.8	48.1	48.1	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 2500	4.8	53.4	53.8	54.2	54.6	54.6	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 2000	4.8	59.2	61.1	61.9	62.7	62.7	62.8	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 1800	4.8	61.3	61.1	62.7	63.8	63.4	63.6	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 1500	4.8	64.3	66.7	67.8	69.0	69.1	69.6	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 1200	4.8	66.3	69.2	70.6	72.7	72.3	72.9	72.9	73.0	73.3	73.3	73.7	73.7	73.7	73.7	73.7
≥ 1000	4.8	68.6	72.4	73.9	76.0	76.2	76.8	76.9	77.0	77.3	77.7	77.7	77.7	77.7	77.7	77.7
≥ 900	4.8	69.1	73.1	74.6	76.7	76.9	77.4	77.6	77.7	78.1	78.3	78.3	78.3	78.3	78.3	78.3
≥ 800	4.8	70.2	74.7	75.9	78.7	78.6	79.3	79.4	79.6	79.9	80.6	80.6	80.6	80.6	80.6	80.6
≥ 700	4.8	70.7	77.4	77.1	80.0	80.2	81.7	81.1	81.2	81.6	82.2	82.2	82.2	82.2	82.2	82.2
≥ 600	4.8	71.7	76.6	78.6	81.0	82.3	83.4	83.6	83.7	84.0	84.7	84.7	84.7	84.7	84.7	84.7
≥ 500	4.8	72.1	77.3	79.4	84.0	84.6	86.9	87.1	87.3	87.8	88.7	88.7	88.8	88.8	88.9	88.9
≥ 400	4.8	72.6	77.9	81.3	85.6	86.1	89.0	90.6	90.9	91.7	92.6	92.7	93.1	93.1	93.2	93.2
≥ 300	4.8	72.7	78.1	80.4	85.0	86.4	89.4	91.8	92.6	93.9	95.2	95.3	96.3	96.7	96.9	96.9
≥ 200	4.8	72.7	78.7	81.4	85.0	86.4	89.6	92.0	92.8	94.2	95.9	96.3	97.4	98.1	98.3	98.3
≥ 100	4.8	72.7	78.1	81.4	85.0	86.4	89.6	92.0	92.8	94.2	96.0	96.1	97.6	98.6	99.4	99.8
≥ 0	4.8	72.7	78.1	81.4	85.0	86.4	89.6	92.0	92.8	94.2	96.0	96.1	97.6	98.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 970

CENTRAL CLIMATOLOGY BRANCH  
 WASHINGTON  
 AIRCRAFT SERVICE/AC

# CEILING VERSUS VISIBILITY

STATION: NEW YORK STATION NAME: NEW YORK YEARS: 1954-1955 MONTH: SEP  
 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) 620-2800  
 HOURS: 151

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	≥0
≥20000	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥18000	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥16000	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥14000	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥12000	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥10000	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥8000	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥6000	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥5000	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥4500	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥4000	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥3500	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥3000	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥2500	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥2000	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥1500	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥1200	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥1000	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥900	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥800	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥700	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥600	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥500	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥400	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥300	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥200	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥100	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 COMETAC  
 AIR WEATHER SERVICE / MAC

# CEILING VERSUS VISIBILITY

STATION 14 14152Z APR 84  
 STATION NAME

14152Z APR 84  
 YEARS

SEP  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

900-1100  
 HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	200	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
> 8000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
> 6000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
> 4000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
> 3000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
> 2000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
> 1000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
> 800	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
> 600	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
> 400	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
> 300	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
> 200	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
> 100	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
> 50	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
> 20	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
> 10	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
> 5	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
> 2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
> 1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
> 0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AT STATION SERVICE/NAAC

# CEILING VERSUS VISIBILITY

STATION: SENA AFB AK YEAR: 1957 MONTH: SEP  
PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS) 14-14-57

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥.005
NO CEILING	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
≥ 20000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 18000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 16000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 14000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 12000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 10000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 9000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 8000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 7000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 6000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 5000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 4500	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 4000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 3500	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 3000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 2500	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 2000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 1800	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 1500	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 1200	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 1000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 900	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 800	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 700	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 600	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 500	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 400	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 300	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 200	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 100	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 50	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4

TOTAL NUMBER OF OBSERVATIONS 920

USAF ETAC FORM 104-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7-14 STATION NAME

14-87

YEARS

SEP

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15.0-17.00  
HOURS (LT)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING ≥ 20000	15.7	15.7	15.7	15.3	15.7	15.3	13.7	12.4	12.4	11.4	10.4	10.4	10.4	10.4	10.4	10.4
MIN 18000 MAX 16000	17.3	21.0	21.0	21.0	21.0	22.0	22.7	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
MIN 14000 MAX 12000	17.3	21.0	21.0	21.0	21.0	22.0	22.7	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
MIN 10000 MAX 9000	17.3	21.0	21.0	21.0	21.0	22.0	22.7	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
≥ 8000 ≥ 7000	22.7	27.7	28.1	28.2	28.6	28.6	28.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 6000 ≥ 5000	22.4	32.9	32.9	33.3	33.6	33.7	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
≥ 4500 ≥ 4000	22.4	32.9	32.9	33.3	33.6	33.7	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
≥ 3500 ≥ 3000	43.7	46.2	46.2	46.7	46.8	47.0	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 2500 ≥ 2000	50.9	54.2	54.2	55.0	55.0	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 1800 ≥ 1500	61.7	65.7	65.7	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 1200 ≥ 1000	71.7	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 900 ≥ 800	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 700 ≥ 600	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 500 ≥ 400	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 300 ≥ 200	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 100 ≥ 0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH  
DISAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION 174 STATION NAME BIRMINGHAM AFB AL YEAR 74-75 MONTH SEP

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18-0-2000  
HOURS TEST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.5	≥ 0.25	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0.01	≥ 0
NO CEILING	13.3	17.3	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 20000	13.3	17.3	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 18000	13.3	17.3	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 16000	13.3	17.3	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 14000	13.3	17.3	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 12000	13.3	17.3	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 10000	13.3	17.3	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 9000	13.3	17.3	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 8000	13.3	17.3	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 7000	13.3	17.3	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 6000	13.3	17.3	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 5000	13.3	17.3	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 4500	13.3	17.3	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 4000	13.3	17.3	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 3500	13.3	17.3	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 3000	13.3	17.3	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 2500	13.3	17.3	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 2000	13.3	17.3	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 1800	13.3	17.3	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 1500	13.3	17.3	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 1200	13.3	17.3	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 1000	13.3	17.3	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 900	13.3	17.3	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 800	13.3	17.3	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 700	13.3	17.3	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 600	13.3	17.3	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 500	13.3	17.3	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 400	13.3	17.3	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 300	13.3	17.3	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 200	13.3	17.3	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 100	13.3	17.3	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 0	13.3	17.3	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7

TOTAL NUMBER OF OBSERVATIONS 900

CLIMATE CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE MAC

# CEILING VERSUS VISIBILITY

STATION NAME  
SHEPHERD AFB TX

DATE

SEP

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19-2370  
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.8	≥0.6	≥0.5	≥0.4	≥0.3	≥0.2
NO CEILING	1.7	17.7	18.6	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
≥20000	1.7	17.7	18.6	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
≥18000	1.7	17.7	18.6	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
≥16000	1.7	17.7	18.6	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
≥14000	1.7	17.7	18.6	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
≥12000	1.7	17.7	18.6	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
≥10000	1.7	17.7	18.6	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
≥9000	1.7	17.7	18.6	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
≥8000	1.7	17.7	18.6	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
≥7000	1.7	17.7	18.6	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
≥6000	1.7	17.7	18.6	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
≥5000	1.7	17.7	18.6	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
≥4500	1.7	17.7	18.6	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
≥4000	1.7	17.7	18.6	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
≥3500	1.7	17.7	18.6	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
≥3000	1.7	17.7	18.6	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
≥2500	1.7	17.7	18.6	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
≥2000	1.7	17.7	18.6	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
≥1800	1.7	17.7	18.6	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
≥1500	1.7	17.7	18.6	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
≥1200	1.7	17.7	18.6	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
≥1000	1.7	17.7	18.6	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
≥900	1.7	17.7	18.6	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
≥800	1.7	17.7	18.6	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
≥700	1.7	17.7	18.6	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
≥600	1.7	17.7	18.6	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
≥500	1.7	17.7	18.6	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
≥400	1.7	17.7	18.6	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
≥300	1.7	17.7	18.6	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
≥200	1.7	17.7	18.6	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
≥100	1.7	17.7	18.6	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
≥0	1.7	17.7	18.6	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8

TOTAL NUMBER OF OBSERVATIONS 920

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



CLIMATE CLIMATOLOGY BRANCH  
 WAFB  
 AIRCRAFT SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION NAME  
 WAFB

YEARS  
 1947-1948

MONTH  
 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

ALL  
 HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥20000	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
≥18000	1.4	1.4	21.7	21.7	21.8	21.8	21.7	21.9	21.9	21.9	21.9	21.9	21.9	22.0	22.0	22.1
≥16000	1.4	21.7	21.7	21.8	21.9	21.9	21.7	22.0	22.0	22.0	22.0	22.0	22.0	22.1	22.1	22.2
≥14000	1.4	21.7	21.7	22.1	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.4	22.4	22.4	22.5	22.5
≥12000	1.4	21.7	22.1	22.6	22.7	22.7	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.9	22.9	23.0
≥10000	1.4	22.1	22.6	22.8	24.0	24.0	24.0	24.0	24.0	24.0	24.1	24.1	24.1	24.2	24.2	24.3
≥9000	1.4	22.1	22.6	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.1	24.1	24.1	24.2	24.2	24.3
≥8000	1.4	22.1	22.6	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.1	24.1	24.1	24.2	24.2	24.3
≥7000	1.4	22.1	22.6	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.1	24.1	24.1	24.2	24.2	24.3
≥6000	1.4	22.1	22.6	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.1	24.1	24.1	24.2	24.2	24.3
≥5000	1.4	22.1	22.6	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.1	24.1	24.1	24.2	24.2	24.3
≥4500	1.4	22.1	22.6	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.1	24.1	24.1	24.2	24.2	24.3
≥4000	1.4	22.1	22.6	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.1	24.1	24.1	24.2	24.2	24.3
≥3500	1.4	22.1	22.6	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.1	24.1	24.1	24.2	24.2	24.3
≥3000	1.4	22.1	22.6	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.1	24.1	24.1	24.2	24.2	24.3
≥2500	1.4	22.1	22.6	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.1	24.1	24.1	24.2	24.2	24.3
≥2000	1.4	22.1	22.6	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.1	24.1	24.1	24.2	24.2	24.3
≥1800	1.4	22.1	22.6	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.1	24.1	24.1	24.2	24.2	24.3
≥1500	1.4	22.1	22.6	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.1	24.1	24.1	24.2	24.2	24.3
≥1200	1.4	22.1	22.6	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.1	24.1	24.1	24.2	24.2	24.3
≥1000	1.4	22.1	22.6	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.1	24.1	24.1	24.2	24.2	24.3
≥900	1.4	22.1	22.6	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.1	24.1	24.1	24.2	24.2	24.3
≥800	1.4	22.1	22.6	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.1	24.1	24.1	24.2	24.2	24.3
≥700	1.4	22.1	22.6	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.1	24.1	24.1	24.2	24.2	24.3
≥600	1.4	22.1	22.6	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.1	24.1	24.1	24.2	24.2	24.3
≥500	1.4	22.1	22.6	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.1	24.1	24.1	24.2	24.2	24.3
≥400	1.4	22.1	22.6	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.1	24.1	24.1	24.2	24.2	24.3
≥300	1.4	22.1	22.6	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.1	24.1	24.1	24.2	24.2	24.3
≥200	1.4	22.1	22.6	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.1	24.1	24.1	24.2	24.2	24.3
≥100	1.4	22.1	22.6	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.1	24.1	24.1	24.2	24.2	24.3
≥0	1.4	22.1	22.6	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.1	24.1	24.1	24.2	24.2	24.3

TOTAL NUMBER OF OBSERVATIONS 7200

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BUREAU  
OFFICE OF  
ATMOSPHERIC SERVICES

# CEILING VERSUS VISIBILITY

STATION NAME: \_\_\_\_\_ YEAR: \_\_\_\_\_ OCT  
PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS) 000-0000  
HOURS: 157

CEILING FEET	VISIBILITY STATUTE MILES															
	>10	≥ 10	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ .1	≥ .05	≥ .025	≥ .01	≥ 0
≥ 10000	0.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
≥ 8000	0.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
≥ 6000	0.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
≥ 4000	0.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
≥ 2000	0.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
≥ 1000	0.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
≥ 800	0.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
≥ 600	0.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
≥ 400	0.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
≥ 200	0.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
≥ 100	0.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
≥ 0	0.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0

TOTAL NUMBER OF OBSERVATIONS 930

FEDERAL CLIMATOLOGY BRANCH  
WASH DC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION 74-87  
STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

300-0500  
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.4	≥.4	≥.4	≥.4	≥.4
NO CEILING	4.4	22.8	22.8	27.3	27.7	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥ 20000	4.4	22.8	22.8	27.3	27.7	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥ 18000	4.4	22.8	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
≥ 16000	4.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
≥ 14000	4.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
≥ 12000	4.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
≥ 10000	4.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
≥ 9000	4.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
≥ 8000	4.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
≥ 7000	4.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
≥ 6000	4.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
≥ 5000	4.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
≥ 4500	4.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
≥ 4000	4.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
≥ 3500	4.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
≥ 3000	4.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
≥ 2500	4.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
≥ 2000	4.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
≥ 1800	4.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
≥ 1600	4.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
≥ 1400	4.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
≥ 1200	4.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
≥ 1000	4.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
≥ 900	4.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
≥ 800	4.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
≥ 700	4.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
≥ 600	4.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
≥ 500	4.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
≥ 400	4.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
≥ 300	4.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
≥ 200	4.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
≥ 100	4.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
≥ 0	4.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JOINT CLIMATE LOGIC BRANCH  
USAF ETAC  
ATMOSPHERIC SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION 14 STATION NAME

YEARS

OCT  
MONTH

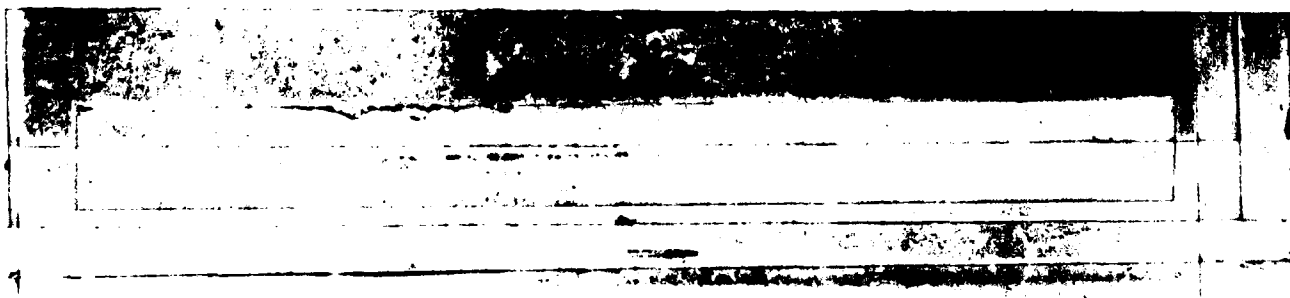
## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

500-7870  
HOURS LIST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	23.7	23.7	23.7	23.7	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 20000	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 18000	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 16000	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 14000	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 12000	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 10000	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 9000	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 8000	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 7000	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 6000	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 5000	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 4500	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 4000	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 3500	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 3000	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 2500	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 2000	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 1800	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 1500	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 1200	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 1000	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 900	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 800	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 700	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 600	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 500	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 400	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 300	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 200	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 100	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GENERAL CLIMATOLOGY BRANCH  
STATISTICS  
AIR CRAFT SERVICE A/CAC

# CEILING VERSUS VISIBILITY

STATION NAME WILMA AIR AC YEARS 1947 MONTH 25  
PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS) HOURS 210-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1.75	≥1.5	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
≥ 20000	17.4	17.4	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
≥ 18000	17.4	21.4	21.5	21.5	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
≥ 16000	17.4	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
≥ 14000	17.4	22.3	22.3	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 12000	17.4	22.4	22.5	22.5	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 10000	17.4	23.3	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 9000	17.4	23.3	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 8000	17.4	23.3	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 7000	17.4	23.3	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 6000	17.4	23.3	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 5000	17.4	23.3	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 4500	17.4	23.3	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 4000	17.4	23.3	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 3500	17.4	23.3	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 3000	17.4	23.3	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 2500	17.4	23.3	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 2000	17.4	23.3	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 1800	17.4	23.3	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 1500	17.4	23.3	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 1200	17.4	23.3	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 1000	17.4	23.3	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 900	17.4	23.3	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 800	17.4	23.3	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 700	17.4	23.3	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 600	17.4	23.3	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 500	17.4	23.3	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 400	17.4	23.3	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 300	17.4	23.3	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 200	17.4	23.3	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 100	17.4	23.3	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 0	17.4	23.3	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 AFETAC  
 AIR WEATHER SERVICE/AFAC

# CEILING VERSUS VISIBILITY

STATION NAME  
 SHERMAN AIR AFB

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12 0-1400  
 HOURS LST

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	1.1	1.6	1.8	2.1	2.5	2.8	3.1	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9
≥ 20000	1.1	1.6	1.8	2.1	2.5	2.8	3.1	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9
≥ 8000	1.1	1.6	1.8	2.1	2.5	2.8	3.1	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9
≥ 6000	1.1	1.6	1.8	2.1	2.5	2.8	3.1	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9
≥ 4000	1.1	1.6	1.8	2.1	2.5	2.8	3.1	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9
≥ 2000	1.1	1.6	1.8	2.1	2.5	2.8	3.1	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9
≥ 1000	1.1	1.6	1.8	2.1	2.5	2.8	3.1	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9
≥ 800	1.1	1.6	1.8	2.1	2.5	2.8	3.1	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9
≥ 700	1.1	1.6	1.8	2.1	2.5	2.8	3.1	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9
≥ 600	1.1	1.6	1.8	2.1	2.5	2.8	3.1	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9
≥ 500	1.1	1.6	1.8	2.1	2.5	2.8	3.1	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9
≥ 400	1.1	1.6	1.8	2.1	2.5	2.8	3.1	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9
≥ 300	1.1	1.6	1.8	2.1	2.5	2.8	3.1	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9
≥ 200	1.1	1.6	1.8	2.1	2.5	2.8	3.1	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9
≥ 100	1.1	1.6	1.8	2.1	2.5	2.8	3.1	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9
≥ 0	1.1	1.6	1.8	2.1	2.5	2.8	3.1	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATE CLIMATOLOGY BRANCH  
STATES  
AIR WEATHER SERVICE

# CEILING VERSUS VISIBILITY

STATION NAME: TUSA APR 47 YEARS: 1947-1948  
CCT MONTH: 15 0-1700 HOURS EST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥.005
≥ 20000	1.7	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
≥ 18000	1.7	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
≥ 16000	1.7	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
≥ 14000	1.2	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
≥ 12000	1.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
≥ 10000	2.1	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
≥ 9000	2.1	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
≥ 8000	4.1	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
≥ 7000	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
≥ 6000	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
≥ 5000	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
≥ 4500	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
≥ 4000	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
≥ 3500	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
≥ 3000	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
≥ 2500	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
≥ 2000	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
≥ 1800	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
≥ 1600	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
≥ 1400	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
≥ 1200	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
≥ 1000	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
≥ 900	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
≥ 800	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
≥ 700	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
≥ 600	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
≥ 500	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
≥ 400	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
≥ 300	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
≥ 200	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
≥ 100	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
≥ 0	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATE DATA ARCHIVE  
USAF ETAC  
AIR WEATHER SERVICE/HAZARD

# CEILING VERSUS VISIBILITY

STATION NAME  
STATION NAME

STATION NAME

STATION NAME

STATION NAME

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

STATION NAME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
≥20000	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
≥18000	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
≥16000	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
≥14000	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
≥12000	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
≥10000	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
≥8000	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
≥6000	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
≥4000	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
≥2000	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
≥1000	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
≥800	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
≥600	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
≥400	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
≥300	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
≥200	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
≥100	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
≥50	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1

TOTAL NUMBER OF OBSERVATIONS 930



CENTRAL CLIMATELOGY BRANCH  
 WASHINGTON, D. C.  
 AIRCRAFT SERVICE BRANCH

# CEILING VERSUS VISIBILITY

STATION 14-5 STATION NAME 14-5 YEARS OCT 1954

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1100-2300  
 HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ .75	≥ .5	≥ .25	≥ .15	≥ .10	≥ .05	≥ 0
NO CEILING	1.1	11.3	21.7	31.7	37.0	42.7	47.9	52.9	57.6	62.0	66.1	70.0	73.7	77.2	80.5	83.7
≥ 20000	1.1	11.3	21.7	31.7	37.0	42.7	47.9	52.9	57.6	62.0	66.1	70.0	73.7	77.2	80.5	83.7
≥ 18000	1.1	11.3	21.7	31.7	37.0	42.7	47.9	52.9	57.6	62.0	66.1	70.0	73.7	77.2	80.5	83.7
≥ 16000	1.1	11.3	21.7	31.7	37.0	42.7	47.9	52.9	57.6	62.0	66.1	70.0	73.7	77.2	80.5	83.7
≥ 14000	1.1	11.3	21.7	31.7	37.0	42.7	47.9	52.9	57.6	62.0	66.1	70.0	73.7	77.2	80.5	83.7
≥ 12000	1.1	11.3	21.7	31.7	37.0	42.7	47.9	52.9	57.6	62.0	66.1	70.0	73.7	77.2	80.5	83.7
≥ 10000	1.1	11.3	21.7	31.7	37.0	42.7	47.9	52.9	57.6	62.0	66.1	70.0	73.7	77.2	80.5	83.7
≥ 8000	1.1	11.3	21.7	31.7	37.0	42.7	47.9	52.9	57.6	62.0	66.1	70.0	73.7	77.2	80.5	83.7
≥ 6000	1.1	11.3	21.7	31.7	37.0	42.7	47.9	52.9	57.6	62.0	66.1	70.0	73.7	77.2	80.5	83.7
≥ 4500	1.1	11.3	21.7	31.7	37.0	42.7	47.9	52.9	57.6	62.0	66.1	70.0	73.7	77.2	80.5	83.7
≥ 3000	1.1	11.3	21.7	31.7	37.0	42.7	47.9	52.9	57.6	62.0	66.1	70.0	73.7	77.2	80.5	83.7
≥ 1500	1.1	11.3	21.7	31.7	37.0	42.7	47.9	52.9	57.6	62.0	66.1	70.0	73.7	77.2	80.5	83.7
≥ 1000	1.1	11.3	21.7	31.7	37.0	42.7	47.9	52.9	57.6	62.0	66.1	70.0	73.7	77.2	80.5	83.7
≥ 800	1.1	11.3	21.7	31.7	37.0	42.7	47.9	52.9	57.6	62.0	66.1	70.0	73.7	77.2	80.5	83.7
≥ 600	1.1	11.3	21.7	31.7	37.0	42.7	47.9	52.9	57.6	62.0	66.1	70.0	73.7	77.2	80.5	83.7
≥ 400	1.1	11.3	21.7	31.7	37.0	42.7	47.9	52.9	57.6	62.0	66.1	70.0	73.7	77.2	80.5	83.7
≥ 300	1.1	11.3	21.7	31.7	37.0	42.7	47.9	52.9	57.6	62.0	66.1	70.0	73.7	77.2	80.5	83.7
≥ 200	1.1	11.3	21.7	31.7	37.0	42.7	47.9	52.9	57.6	62.0	66.1	70.0	73.7	77.2	80.5	83.7
≥ 100	1.1	11.3	21.7	31.7	37.0	42.7	47.9	52.9	57.6	62.0	66.1	70.0	73.7	77.2	80.5	83.7
≥ 0	1.1	11.3	21.7	31.7	37.0	42.7	47.9	52.9	57.6	62.0	66.1	70.0	73.7	77.2	80.5	83.7

TOTAL NUMBER OF OBSERVATIONS 931

GLOBAL CLIMATOLOGY BRANCH  
METEOROLOGICAL SERVICE  
AT WASHINGTON, D.C.

# CEILING VERSUS VISIBILITY

STATION NAME  
WASHINGTON AIR AF

YEAR  
1967

MONTH  
ALL

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
≥20000	1.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
18000	1.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
16000	1.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
14000	1.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
12000	1.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
10000	1.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
8000	1.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
6000	1.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
4000	1.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
2000	1.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
1000	1.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
500	1.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
200	1.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
100	1.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
0	1.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0

TOTAL NUMBER OF OBSERVATIONS 7440

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
HAFETAC  
AIR WEATHER SERVICE/AFAC

# CEILING VERSUS VISIBILITY

STATION NO. 14-14 STATION NAME 14-14 YEARS 1990-1999 MONTH 12

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ .05	≥ 0
NO. CEILING	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 20000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 18000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 16000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 14000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 12000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 10000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 9000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 8000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 7000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 6000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 5000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 4500	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 4000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 3500	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 3000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 2500	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 2000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 1800	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 1500	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 1200	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 1000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 900	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 800	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 700	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 600	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 500	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 400	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 300	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 200	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 100	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥ 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/NAO

# CEILING VERSUS VISIBILITY

STATION 014 SAGINAW AFB MI STATION NAME 14-07 YEAR 1964 MONTH NOV  
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) 720-0500 HOURS LST

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ .5	≥ .25	≥ .15	≥ .10	≥ .05	≥ .025	≥ 0
NO CEILING	7.7	75.3	25.2	25.7	25.0	25.9	26.1	26.0	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
≥ 18000	7.7	26.7	26.7	26.7	26.9	26.9	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 16000	7.7	26.1	26.7	26.8	27.0	27.0	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 14000	7.7	26.1	26.7	26.8	27.0	27.0	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 12000	7.7	26.3	26.8	27.1	27.2	27.2	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 10000	3.9	27.2	27.4	27.9	28.1	28.1	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
≥ 9000	7.7	27.2	27.4	27.9	28.1	28.1	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
≥ 8000	7.7	27.9	28.1	28.6	28.8	28.8	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
≥ 7000	4.1	27.7	28.5	29.3	29.6	29.6	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥ 6000	4.1	28.8	29.1	29.4	29.7	29.7	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
≥ 5000	4.1	31.1	31.7	31.8	32.1	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
≥ 4500	4.1	32.1	32.7	33.2	33.4	33.4	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 4000	4.1	39.8	41.0	41.0	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 3500	5.3	40.2	41.2	41.1	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 3000	5.3	42.1	44.3	45.4	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 2500	5.3	50.2	62.1	63.3	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 2000	5.3	64.4	69.8	71.2	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 1800	5.3	64.8	69.1	71.2	73.0	73.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 1500	5.3	67.4	72.9	75.3	78.0	78.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1200	5.3	77.7	77.4	80.6	83.3	83.6	85.1	85.9	85.9	86.3	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1000	5.3	70.8	81.1	84.2	87.8	88.3	89.2	90.9	90.9	91.4	91.7	91.7	91.7	91.7	91.7	91.7
≥ 900	5.3	77.8	81.0	84.3	87.9	88.4	91.0	91.0	91.0	91.7	91.9	91.9	91.9	91.9	91.9	91.9
≥ 800	5.3	73.2	81.8	85.6	89.2	89.8	91.4	92.4	92.4	93.1	93.3	93.3	93.3	93.3	93.3	93.3
≥ 700	5.3	73.2	82.1	86.2	90.8	91.4	93.3	94.4	94.4	95.3	95.9	95.9	95.9	95.9	95.9	95.9
≥ 600	5.3	73.2	82.1	86.3	91.2	91.0	94.2	95.3	95.3	96.2	96.9	96.9	96.9	96.9	96.9	96.9
≥ 500	5.3	73.2	82.1	86.3	91.6	92.3	94.9	96.2	96.2	97.2	97.9	97.9	97.9	97.9	97.9	97.9
≥ 400	5.3	73.2	82.1	86.3	91.7	92.4	95.3	96.7	96.8	97.8	98.6	98.6	98.6	98.6	98.6	98.6
≥ 300	5.3	73.2	82.1	86.3	91.7	92.4	95.3	96.8	96.9	98.0	98.8	98.8	98.8	98.8	98.8	98.8
≥ 200	5.3	73.2	82.1	86.3	91.7	92.4	95.3	96.8	96.9	98.0	98.8	98.8	98.8	98.8	98.8	98.8
≥ 100	5.3	73.2	82.1	86.3	91.7	92.4	95.3	96.8	96.9	98.0	98.8	98.8	98.8	98.8	98.8	98.8
≥ 0	5.3	73.2	82.1	86.3	91.7	92.4	95.3	96.8	96.9	98.0	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
ATC - MET - CIVIL AVIATION

# CEILING VERSUS VISIBILITY

STATION: SIEMVA AIR STATION NAME: SIEMVA AIR YEARS: 1964-1965 MONTH: NOV

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

600-0000  
HOURLY

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	74.3	21.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 20000	74.3	21.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 18000	74.3	21.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 16000	74.3	21.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 14000	74.3	21.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 12000	74.3	21.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 10000	74.3	21.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 9000	74.3	21.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 8000	74.3	21.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 7000	74.3	21.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 6000	74.3	21.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 5000	74.3	21.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 4500	74.3	21.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 4000	74.3	21.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 3500	74.3	21.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 3000	74.3	21.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 2500	74.3	21.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 2000	74.3	21.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 1800	74.3	21.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 1500	74.3	21.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 1200	74.3	21.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 1000	74.3	21.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 900	74.3	21.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 800	74.3	21.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 700	74.3	21.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 600	74.3	21.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 500	74.3	21.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 400	74.3	21.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 300	74.3	21.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 200	74.3	21.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 100	74.3	21.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 0	74.3	21.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6

TOTAL NUMBER OF OBSERVATIONS: 920

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/PAC

## CEILING VERSUS VISIBILITY

STATION NO. 14 STATION NAME PACIFIC AIR FORCE STATION YEARS NOV MONTH 900-1100 HOURS

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MI.															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	1.9	11.7	15.0	16.0	16.0	16.2	16.0	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥20000	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥18000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥16000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥14000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥12000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥10000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥9000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥8000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥7000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥6000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥5000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥4500	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥4000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥3500	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥3000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥2500	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥2000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥1800	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥1600	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥1400	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥1200	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥1000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥900	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥800	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥700	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥600	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥500	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥400	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥300	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥200	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥100	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
≥0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETC  
AIR WEATHER SERVICE MAC

## CEILING VERSUS VISIBILITY

STATION: SIEMENSA AIRCRAFT

STATION NAME

19-00

YEARS

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

12-1-1400  
HOURS 1-1

CEILING FEET	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
≥20000	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥18000	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥16000	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥14000	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥12000	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥10000	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥8000	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥6000	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥4000	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥2000	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥1000	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥800	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥600	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥400	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥300	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥200	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥100	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

TOTAL NUMBER OF OBSERVATIONS 809

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING CLIMATOLOGY HANDBOOK  
USAF ETAC  
ATMOSPHERIC SERVICE AEC

# CEILING VERSUS VISIBILITY

STATION 174 STATION NAME DENVER AIRPORT YEAR 1947 MONTH NOV  
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) 15:00-17:00 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 20000	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 18000	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 16000	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 14000	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 12000	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 10000	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 9000	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 8000	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 7000	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 6000	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 5000	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 4500	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 4000	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 3500	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 3000	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 2500	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 2000	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 1800	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 1500	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 1200	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 1000	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 900	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 800	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 700	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 600	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 500	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 400	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 300	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 200	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 100	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 0	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7

TOTAL NUMBER OF OBSERVATIONS 897

USAF ETAC FORM 10-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



FEDERAL CLIMATOLOGY BRANCH  
 ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION NAME  
 DRENNAN AFB TX

1-5

YEARS

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

10-6-2000  
 HOUR 151

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .1	≥ .05	≥ .03	≥ .01	≥ 0
≥ 20000	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
≥ 18000	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
≥ 16000	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
≥ 14000	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
≥ 12000	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
≥ 10000	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
≥ 9000	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
≥ 8000	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
≥ 7000	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
≥ 6000	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
≥ 5000	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
≥ 4500	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
≥ 4000	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
≥ 3500	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
≥ 3000	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
≥ 2500	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
≥ 2000	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
≥ 1800	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
≥ 1600	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
≥ 1400	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
≥ 1200	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
≥ 1000	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
≥ 900	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
≥ 800	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
≥ 700	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
≥ 600	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
≥ 500	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
≥ 400	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
≥ 300	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
≥ 200	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
≥ 100	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
≥ 0	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2

TOTAL NUMBER OF OBSERVATIONS 897

GENERAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION NAME  
100 SA AFF AR

STATION NAME

YEARS

YEARS

NOV  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

11-2-2300  
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ .05	≥ .01
≥ 20000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 18000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 16000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 14000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 12000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 10000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 9000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 8000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 7000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 6000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 5000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 4500	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 4000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 3500	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 3000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 2500	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 2000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 1800	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 1600	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 1400	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 1200	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 1000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 900	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 800	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 700	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 600	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 500	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 400	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 300	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 200	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 100	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 0	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4

TOTAL NUMBER OF OBSERVATIONS 807

CLIMATE CLIMATOLOGY BRANCH  
USAF ETAC  
ADVISORY SERVICE/NAO

## CEILING VERSUS VISIBILITY

7-14  
STATION

STATION NAME

14-37

YEARS

NCV  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (EST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ .5	≥ .25	≥ .15	≥ .10	≥ .05	≥ .025	≥ 0
NO FELLING	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 20000	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 18000	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 16000	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 14000	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 12000	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 10000	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 9000	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 8000	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 7000	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 6000	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 5000	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 4500	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 4000	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 3500	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 3000	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 2500	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 2000	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 1800	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 1600	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 1400	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 1200	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 1000	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 900	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 800	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 700	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 600	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 500	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 400	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 300	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 200	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 100	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 0	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3

TOTAL NUMBER OF OBSERVATIONS 7190

USAF ETAC FORM 101-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CIVIL AVIATION  
 DISTRICT OFFICE  
 ALBANY, NEW YORK

# CEILING VERSUS VISIBILITY

STATION

ALBANY, NEW YORK

STATION NAME

1950

YEARS

DEC

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1950-1950  
 HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO. FLYING	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
≥ 20000	10.4	17.6	17.7	18.1	18.7	18.3	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 18000	1.7	18.4	18.6	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
≥ 16000	1.4	18.4	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 14000	1.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6
≥ 12000	1.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 10000	1.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 9000	1.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 8000	1.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 7000	1.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 6000	1.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 5000	1.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 4500	1.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 4000	1.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 3500	1.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 3000	1.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 2500	1.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 2000	1.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 1800	1.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 1600	1.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 1400	1.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 1200	1.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 1000	1.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 900	1.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 800	1.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 700	1.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 600	1.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 500	1.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 400	1.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 300	1.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 200	1.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 100	1.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 0	1.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7

TOTAL NUMBER OF OBSERVATIONS 930

GENERAL CLIMATOLOGY BRANCH  
 WADDAC  
 AIRCRAFT SERVICE/AC

# CEILING VERSUS VISIBILITY

STATION NAME  
 STATION NAME

YEARS  
 YEARS

DEC  
 MONTH  
 300-2500  
 HOURS (EST)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING ≥ 20000	1.7	17.5	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
≥ 18000	1.7	17.5	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
≥ 16000	1.7	17.5	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
≥ 14000	1.7	17.5	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
≥ 12000	1.7	17.5	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
≥ 10000	1.7	17.5	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
≥ 9000	1.7	17.5	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
≥ 8000	1.7	17.5	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
≥ 7000	1.7	17.5	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
≥ 6000	1.7	17.5	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
≥ 5000	1.7	17.5	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
≥ 4500	1.7	17.5	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
≥ 4000	1.7	17.5	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
≥ 3500	1.7	17.5	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
≥ 3000	1.7	17.5	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
≥ 2500	1.7	17.5	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
≥ 2000	1.7	17.5	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
≥ 1800	1.7	17.5	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
≥ 1500	1.7	17.5	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
≥ 1200	1.7	17.5	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
≥ 1000	1.7	17.5	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
≥ 900	1.7	17.5	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
≥ 800	1.7	17.5	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
≥ 700	1.7	17.5	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
≥ 600	1.7	17.5	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
≥ 500	1.7	17.5	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
≥ 400	1.7	17.5	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
≥ 300	1.7	17.5	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
≥ 200	1.7	17.5	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
≥ 100	1.7	17.5	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
≥ 0	1.7	17.5	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
ATMOSPHERIC SERVICE/PAO

# CEILING VERSUS VISIBILITY

STATION NAME  
DUMFRIES AFB AR

77-01

YEARS

DEC

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

6.00-68.0  
HOURS (LT)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.75	≥.5	≥.25	≥.1	≥.05	≥.01	≥.00
≥20000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥18000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥16000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥14000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥12000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥10000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥9000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥8000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥7000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥6000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥5000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥4500	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥4000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥3500	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥3000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥2500	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥2000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥1800	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥1500	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥1200	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥1000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥900	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥800	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥700	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥600	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥500	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥400	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥300	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥200	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥100	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
≥0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

TOTAL NUMBER OF OBSERVATIONS 932

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AFAC

# CEILING VERSUS VISIBILITY

STATION: 2114 STATION NAME: DIEMIA AIR AC YEARS: 1954-1955 MONTH: DEC  
PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥.005
NO CEILING	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
≥ 20000	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
≥ 18000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 16000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 14000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 12000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 10000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 9000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 8000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 7000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 6000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 5000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 4500	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 4000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 3500	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 3000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 2500	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 2000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 1800	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 1600	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 1400	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 1200	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 1000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 900	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 800	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 700	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 600	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 500	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 400	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 300	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 200	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 100	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 50	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAO

# CEILING VERSUS VISIBILITY

STATION  
14

STATION NAME  
SHENYA APP AN

YEARS  
73-81

DEC  
MONTH

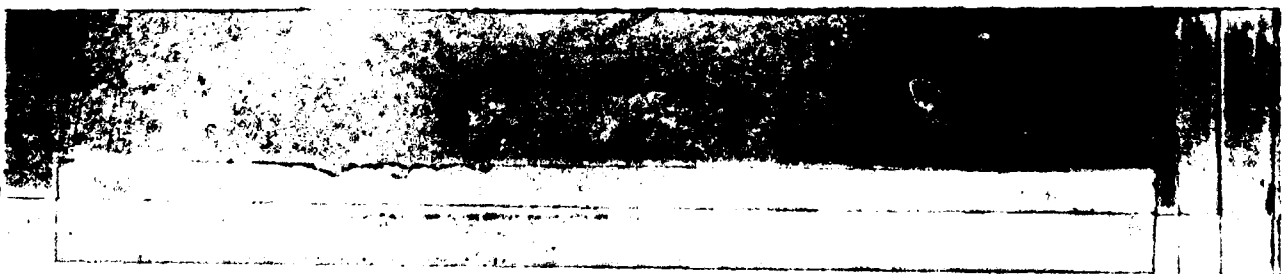
## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1717-1430  
HOURS 151

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥.05
NO CEILING	11.7	11.7	11.9	11.9	11.9	11.9	11.7	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
≥20000	11.7	11.7	11.9	11.9	11.9	11.9	11.7	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
≥18000	14.5	14.5	14.7	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
≥16000	15.1	15.1	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
≥14000	15.7	15.7	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥12000	16.1	16.1	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
≥10000	16.5	16.5	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9
≥9000	16.9	16.9	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
≥8000	17.3	17.3	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥7000	17.7	17.7	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥6000	18.1	18.1	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
≥5000	18.5	18.5	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
≥4500	18.9	18.9	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥4000	19.3	19.3	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7
≥3500	19.7	19.7	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
≥3000	20.1	20.1	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
≥2500	20.5	20.5	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9
≥2000	20.9	20.9	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥1800	21.3	21.3	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
≥1500	21.7	21.7	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
≥1200	22.1	22.1	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
≥1000	22.5	22.5	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
≥900	22.9	22.9	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥800	23.3	23.3	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
≥700	23.7	23.7	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
≥600	24.1	24.1	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
≥500	24.5	24.5	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
≥400	24.9	24.9	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
≥300	25.3	25.3	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
≥200	25.7	25.7	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
≥100	26.1	26.1	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
≥0	26.5	26.5	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9

TOTAL NUMBER OF OBSERVATIONS 937

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE





CLIMATE CLIMATOLOGY BRANCH  
USAF ETAC  
AIR CATION SERVICE/AC

# CEILING VERSUS VISIBILITY

STATION 14 STATION NAME 17-07 YEARS DEC  
PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS) 15-9-1770  
HOURS 15

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥.005
NO CEILING	11.2	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 20000	11.2	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 18000	14.4	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
≥ 15000	14.4	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
≥ 14000	14.4	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
≥ 12000	14.4	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
≥ 10000	14.4	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
≥ 9000	14.4	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
≥ 8000	14.4	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
≥ 7000	14.4	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
≥ 6000	14.4	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
≥ 5000	14.4	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
≥ 4500	14.4	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
≥ 4000	14.4	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
≥ 3500	14.4	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
≥ 3000	14.4	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
≥ 2500	14.4	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
≥ 2000	14.4	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
≥ 1800	14.4	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
≥ 1500	14.4	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
≥ 1200	14.4	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
≥ 1000	14.4	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
≥ 900	14.4	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
≥ 800	14.4	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
≥ 700	14.4	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
≥ 600	14.4	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
≥ 500	14.4	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
≥ 400	14.4	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
≥ 300	14.4	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
≥ 200	14.4	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
≥ 100	14.4	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
≥ 0	14.4	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATE CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE / MAC

## CEILING VERSUS VISIBILITY

STATION NAME  
STATION NAME

12-80

YEARS

DEC

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19 10-2007  
HOURS (EST)

		VISIBILITY: STATUTE MILES															
CEILING: FEET		≥ 10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
≥ 2000	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
≥ 1800	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥ 1600	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
≥ 1400	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 1200	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
≥ 1000	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
≥ 800	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
≥ 600	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 500	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 450	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 400	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
≥ 350	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 300	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 250	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 200	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 180	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 150	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 120	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 100	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 90	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 80	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 70	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 60	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 50	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 40	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 30	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 20	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 SAFETY  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7-14-74 SHEMYA AFB AK STATION NAME

73-80 YEARS

DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

21 0-2300 HOURS 1ST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO FILING	0.0	10.4	15.6	18.5	17.0	15.8	15.9	15.9	17.9	15.9	15.0	15.9	15.9	15.9	15.9	15.9
≥20000	0.0	10.4	15.6	18.5	17.0	15.8	15.9	15.9	17.9	15.9	15.0	15.9	15.9	15.9	15.9	15.9
≥18000	0.0	10.4	15.6	18.5	17.0	15.8	15.9	15.9	17.9	15.9	15.0	15.9	15.9	15.9	15.9	15.9
≥16000	0.0	10.4	15.6	18.5	17.0	15.8	15.9	15.9	17.9	15.9	15.0	15.9	15.9	15.9	15.9	15.9
≥14000	0.0	10.4	15.6	18.5	17.0	15.8	15.9	15.9	17.9	15.9	15.0	15.9	15.9	15.9	15.9	15.9
≥12000	0.0	10.4	15.6	18.5	17.0	15.8	15.9	15.9	17.9	15.9	15.0	15.9	15.9	15.9	15.9	15.9
≥10000	0.0	10.4	15.6	18.5	17.0	15.8	15.9	15.9	17.9	15.9	15.0	15.9	15.9	15.9	15.9	15.9
≥9000	0.0	10.4	15.6	18.5	17.0	15.8	15.9	15.9	17.9	15.9	15.0	15.9	15.9	15.9	15.9	15.9
≥8000	0.0	10.4	15.6	18.5	17.0	15.8	15.9	15.9	17.9	15.9	15.0	15.9	15.9	15.9	15.9	15.9
≥7000	0.0	10.4	15.6	18.5	17.0	15.8	15.9	15.9	17.9	15.9	15.0	15.9	15.9	15.9	15.9	15.9
≥6000	0.0	10.4	15.6	18.5	17.0	15.8	15.9	15.9	17.9	15.9	15.0	15.9	15.9	15.9	15.9	15.9
≥5000	0.0	10.4	15.6	18.5	17.0	15.8	15.9	15.9	17.9	15.9	15.0	15.9	15.9	15.9	15.9	15.9
≥4500	0.0	10.4	15.6	18.5	17.0	15.8	15.9	15.9	17.9	15.9	15.0	15.9	15.9	15.9	15.9	15.9
≥4000	0.0	10.4	15.6	18.5	17.0	15.8	15.9	15.9	17.9	15.9	15.0	15.9	15.9	15.9	15.9	15.9
≥3500	0.0	10.4	15.6	18.5	17.0	15.8	15.9	15.9	17.9	15.9	15.0	15.9	15.9	15.9	15.9	15.9
≥3000	0.0	10.4	15.6	18.5	17.0	15.8	15.9	15.9	17.9	15.9	15.0	15.9	15.9	15.9	15.9	15.9
≥2500	0.0	10.4	15.6	18.5	17.0	15.8	15.9	15.9	17.9	15.9	15.0	15.9	15.9	15.9	15.9	15.9
≥2000	0.0	10.4	15.6	18.5	17.0	15.8	15.9	15.9	17.9	15.9	15.0	15.9	15.9	15.9	15.9	15.9
≥1800	0.0	10.4	15.6	18.5	17.0	15.8	15.9	15.9	17.9	15.9	15.0	15.9	15.9	15.9	15.9	15.9
≥1500	0.0	10.4	15.6	18.5	17.0	15.8	15.9	15.9	17.9	15.9	15.0	15.9	15.9	15.9	15.9	15.9
≥1200	0.0	10.4	15.6	18.5	17.0	15.8	15.9	15.9	17.9	15.9	15.0	15.9	15.9	15.9	15.9	15.9
≥1000	0.0	10.4	15.6	18.5	17.0	15.8	15.9	15.9	17.9	15.9	15.0	15.9	15.9	15.9	15.9	15.9
≥900	0.0	10.4	15.6	18.5	17.0	15.8	15.9	15.9	17.9	15.9	15.0	15.9	15.9	15.9	15.9	15.9
≥800	0.0	10.4	15.6	18.5	17.0	15.8	15.9	15.9	17.9	15.9	15.0	15.9	15.9	15.9	15.9	15.9
≥700	0.0	10.4	15.6	18.5	17.0	15.8	15.9	15.9	17.9	15.9	15.0	15.9	15.9	15.9	15.9	15.9
≥600	0.0	10.4	15.6	18.5	17.0	15.8	15.9	15.9	17.9	15.9	15.0	15.9	15.9	15.9	15.9	15.9
≥500	0.0	10.4	15.6	18.5	17.0	15.8	15.9	15.9	17.9	15.9	15.0	15.9	15.9	15.9	15.9	15.9
≥400	0.0	10.4	15.6	18.5	17.0	15.8	15.9	15.9	17.9	15.9	15.0	15.9	15.9	15.9	15.9	15.9
≥300	0.0	10.4	15.6	18.5	17.0	15.8	15.9	15.9	17.9	15.9	15.0	15.9	15.9	15.9	15.9	15.9
≥200	0.0	10.4	15.6	18.5	17.0	15.8	15.9	15.9	17.9	15.9	15.0	15.9	15.9	15.9	15.9	15.9
≥100	0.0	10.4	15.6	18.5	17.0	15.8	15.9	15.9	17.9	15.9	15.0	15.9	15.9	15.9	15.9	15.9
≥0	0.0	10.4	15.6	18.5	17.0	15.8	15.9	15.9	17.9	15.9	15.0	15.9	15.9	15.9	15.9	15.9

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 7-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION 4 CREWY APR 11 73-00 YEARS DEC MONTH  
PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)  
ALL MONTHS

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
≥ 20000	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
≥ 18000	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
≥ 16000	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
≥ 14000	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
≥ 12000	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
≥ 10000	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
≥ 9000	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
≥ 8000	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
≥ 7000	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
≥ 6000	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
≥ 5000	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
≥ 4500	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
≥ 4000	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
≥ 3500	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
≥ 3000	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
≥ 2500	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
≥ 2000	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
≥ 1800	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
≥ 1500	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
≥ 1200	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
≥ 1000	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
≥ 900	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
≥ 800	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
≥ 700	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
≥ 600	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
≥ 500	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
≥ 400	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
≥ 300	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
≥ 200	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
≥ 100	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
≥ 0	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4

TOTAL NUMBER OF OBSERVATIONS 744

CLIMAT CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION NO. 134 STATION NAME ALL MONTH 13-57 YEARS ALL

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 20000	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 18000	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 16000	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 14000	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 12000	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 10000	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 9000	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 8000	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 7000	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 6000	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 5000	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 4500	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 4000	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 3500	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 3000	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 2500	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 2000	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 1800	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 1500	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 1000	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 900	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 800	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 700	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 600	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 500	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 400	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 300	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 200	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 100	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 0	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7

TOTAL NUMBER OF OBSERVATIONS 87634

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED,  
BROKEN, OVERCAST, & OBLSCURED WERE USED AS INPUT FOR THE  
TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBLSCURED WAS CONVERTED TO 10/10

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ATC STATION: 0-000000

# SKY COVER

STATION: 0-000000 STATION NAME: 0-000000 PERIOD: JAN MONTH: JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	01	0.0			10.0						10.6	51.2	0.3	93
	02	0.0			10.0						10.1	53.5	0.6	97
	03	0.0			10.0						10.6	54.0	0.6	930
	04	0.0			10.0						10.0	52.5	0.6	930
	05				11.7						9.1	48.7	0.8	930
	06				11.7						10.1	49.7	0.8	928
	07				10.0						10.5	53.4	0.9	930
	08	0.0			10.0						11.1	54.5	0.7	930
	09													
	10													
	11													
	12													
	13													
	14													
	15													
	16													
	17													
	18													
	19													
	20													
	21													
	22													
	23													
	24													
	TOTALS				13.0						33.6	52.2	0.7	7438

## SKY COVER

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUL	1-10	1.7			15.4						25.7	57.5	8.6	846
	1-11	1.7			17.4						32.7	51.7	8.4	846
	1-12	1.3			17.6						32.4	52.2	8.6	845
	1-13	.2			11.7						41.2	47.3	8.7	846
	1-14	.6			13.5						43.1	47.1	8.7	845
	1-15	.5			11.6						52.0	48.9	8.8	846
	1-16	.4			6.7			.1			41.6	51.8	9.1	846
	1-23	.5			11.8						34.0	53.7	8.8	845
TOTALS		.3			12.4			.1			36.5	52.4	8.7	676



## SKY COVER

4 A F  
MONTH

## SKY COVER

7114	STATION NAME	71-601	PERIOD	APR
STATION				MONTH

## SKY COVER

STATION	STATION NAME	PERIOD	MONTH
---------	--------------	--------	-------

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL.	-00	.0			3.0						7.6	89.7	9.7	970
	-01	.0			2.1						4.4	97.1	9.8	970
	-02	.0			1.0						0.4	89.9	9.8	893
	-03				2.1						11.0	87.5	9.7	899
	1-04	.0			1.7						16.7	80.6	9.6	970
	1-05				4.0						16.6	76.6	9.5	898
	1-06				0.1						16.6	79.3	9.5	899
	1-07				7.7						17.2	84.4	9.6	899
TOTALS		.1			3.0						11.0	85.1	9.7	7193

USAFETAC FORM 88-44 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GENERAL CLIMATOLOGY - SAATCHI  
USAFETAC  
ATLANTA - STATION 7040

# SKY COVER

STATION: ATLANTA PERIOD: JUL MONTH: JUL

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9	10		
JUL	-	.1			1.7						9.6	92.0	9.9	93
	-1	.4			1.6						7.7	84.6	9.8	93
	-2	.1			1.7						7.6	91.5	9.8	929
	-3				.7						11.2	87.5	9.9	929
	-4				1.7						9.7	82.9	9.9	93
	-5				2.8						19.5	79.1	9.6	929
	-6	.1			1.7						13.2	83.2	9.6	93
	-7	.1			1.7						9.7	88.9	9.8	93
	-8													
	-9													
	-10													
	-11													
	-12													
TOTALS		.1			1.9						10.5	87.5	9.8	7437

THE UNIVERSITY OF CHICAGO

SAFETY DATA SHEET

PERIOD

ALL  
MONTH

MONTH	HOURS ILST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
1	-				4.7						4.8	38.0	2.5	93
2	-				3.7						3.2	51.6	2.6	928
3	-				2.7						2.9	86.3	2.6	928
4	-				2.7						11.5	85.1	2.7	928
5	-				.						16.2	79.2	2.6	929
6	-				2.7						12.9	75.6	2.4	929
7	-				1.7						19.3	76.1	2.5	937
8	-				1.6						13.3	82.0	2.5	937
9														
10														
TOTALS	.				14.7						12.2	83.2	2.6	7432

## SKY COVER

STATION	STATION NAME	PERIOD	MONTH
			SEP

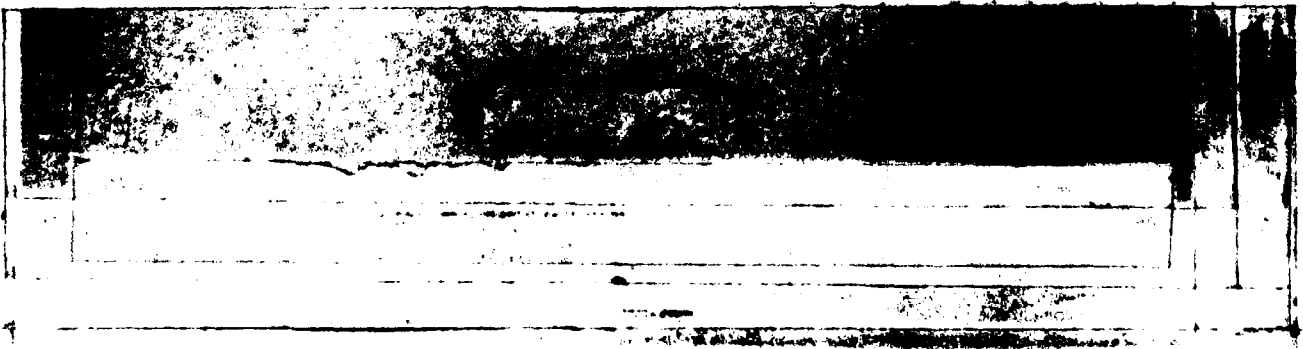
[illegible]



## SKY COVER

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

**USAFETAC**      **FORM**      **0-9-5 (OL A)**      **PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.**  
**AM 44**

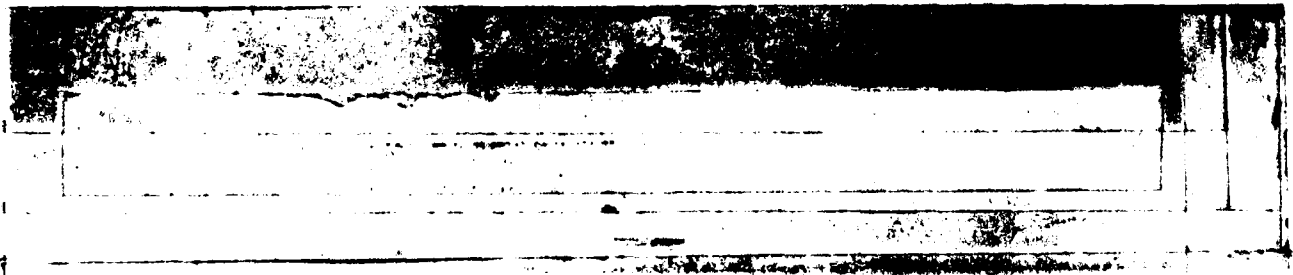




## SKY COVER

STATION	STATION NAME	PERIOD	MONTH

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.



GLOBAL CLIMATE DATA CENTER  
USAFETAC  
ATMOSPHERIC SERVICE/ANAD

# SKY COVER

STATION: SIEMENSA AFB STATION NAME: SIEMENSA AFB PERIOD: ALL MONTH: ALL

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	.			13.7						33.6	52.7	8.7	7438
FEB		.			12.8						38.5	51.4	8.7	6765
MAR		.			15.7						36.1	46.6	8.4	7438
APR		.			11.7						32.3	56.1	8.8	7197
MAY		.			4.7						22.2	72.6	8.4	7440
JUN		.			3.7						11.8	85.1	8.7	7193
JUL		.			1.0						10.5	87.5	8.8	7437
AUG		.			4.7						12.2	83.2	9.6	7432
SEP		1.7			15.7						29.1	54.2	8.5	7192
OCT		.7			13.7						34.5	46.6	8.3	7440
NOV		.8			17.0						36.7	45.7	8.3	7189
DEC		.7			13.6						35.2	51.8	8.7	7439
TOTALS		.7			11.7						27.6	67.9	8.9	87670

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
  - a. Daily maximum temperatures
  - b. Daily minimum temperatures
  - c. Daily mean temperatures

**NOTE:** Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
  - a. Extreme maximum temperature
  - b. Extreme minimum temperature

**NOTE:** The following symbols are used in the extreme data blocks:

- (1) \* indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

\* Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ( $\sum X^2$ ), sums of values ( $\sum X$ ), means ( $\bar{X}$ ), and standard deviations ( $\sigma_x$ ). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

GLOBAL CLIMATOLOGY SEARCH  
 01-01-74

AT: LOCATION: SERVIC / MAC

STATION: 14 LINDA AND AN STATION NAME

13-54, 57-23 YEARS

# DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
5													
6													
7													
8													
9													
10													
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95													
96													
97													
98													
99													
100													
MEAN	34.7	35.3	34.4	37.7	41.	44.7	48.9	51.6	5.5	45.1	39.0	35.4	41.3
S D	3.556	3.507	3.105	2.382	2.099	2.541	2.837	2.527	2.491	3.037	3.645	3.500	7.024
TOTAL OBS	1.85	989	1084	1050	1085	1019	1085	1084	1079	1116	1079	1084	12879





GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

STATION 744 STATION NAME SIEMENSA AFB AA YEARS 47-54, 55-83

WHOLE DEGREES FAHRENHEIT

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP.	OCT.	NOV	DEC.	ALL MONTHS
YEAR													
43													
44													
45													
46													
47													
48													
49													
50													
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52													
53													
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67													
68													
69													
70													
71													
72													
73													
74													
75													
76													
MEAN													
S.D.													
TOTAL OBS.													

NOTES \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (CEA)

# (AT LEAST ONE DAY LESS THAN 24 OBS)



# (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH  
HAFETAC  
ATL WEATHER SERVICE/MAC

# EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

7 414 STATION NAME

47-21, 54-87 YEARS

WORLD DEGREES FAHRENHEIT

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
43							43	41	39	32	24	20	
44	13	13	21	21	22	34	41*	44	36	35	28	25	18
45	13	21	19	22	22	31	41	40	42	31	28	27	18
46	13	19	22	22	21	30	41	43	41	30*	28	22	12
47	13	21	22	22	22	33	39	41	41	32	29	25	20
48	13	27	25	21	21	34	44	44	41	28	25*	25	22
49	13	24	25	26	34	36	41	44*	47	34	25	18	18
50	13	27	22	26	21	24	41	46	39	35	24	21	20
51	13	23	24	27	22	21	29	44	42	37	29	25	22
52	13	21	22	27	34	20	29	45	44	32	23	21	23
53	13	21	22	26	21	23	39	41	42	29	29	20	20
54	13	23	22	31	28	33							
55									30	33	23	13	
56	13	19	25	25	31	26	40	43	38	26	24	21	19
57	20	22	22	26	34	23	39	42	42	33	27	19	19
58	20	21	23	27	33	28	42	44	37	28	22	23	21
59	20	21	23	29	33	29	41	38	40	33	30	26	21
60	13	18	23	27	28	26	39	42	37	21	22	24	16
61		25	23	28	31	25	42	44	39	21	24	23	27
62	13	17	19	23	21	23	37	42	38	30	26	21	17
63	13	17	22	20	22	25	35	41	34	29	27	23	17
64	13	21	21	25	22	26	41	41	35	26	23	21	21
65	13	21	22	23	20	20	42	45	38	33	18	18	18
66	13	14	12	27	33	26	41	40	33	30	29	15	12
67	13	7	11	26	27	27	41	41	36	30	16	15	7
68	13	16	17	29	25	25	42	44	35	34	15	18	15
69	13	16	21	20	28	35	36	43	41	29	30	24	10
70	20	24	23	26	28	35	44	45	43	31	29	10	10
71		12	16	22	21	29	39	46	38	31	26	11	9
72	13	15	17	18	27	27	41	42	35	30	25	7	7
MEAN													
S.D.													
TOTAL OBS.													

NOT S \* (BASED ON LESS THAN FULL MONTHS)

USAF STAC FORM 0000 (OLA)

# (AT LEAST ONE DAY LESS THAN 24 OBS)

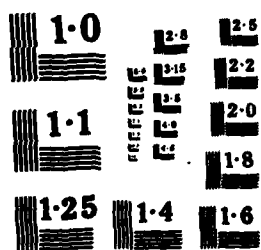


UNCLASSIFIED

SIEMMYA AFB ALASKA REVISED UNIFORM SUMMARY OF SURFACE  
WEATHER OBSERVATIONS. (U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A., MAY 84  
USAFETAC/DS-84/018 SBI AD-E850 740 F/G 4/2

4/5

NL



## PSYCHROMETRIC SUMMARY

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ JAN \_\_\_\_\_ MONTH \_\_\_\_\_

PAGE 0005-0235  
HOURS (L. S. T.)

[illegible]

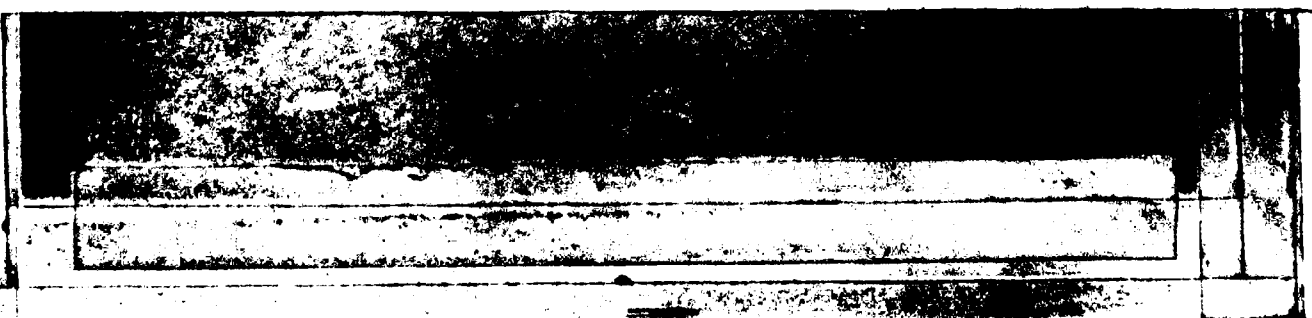
U.S. AIR FORCE  
CLIMATE BRANCH  
WAFB  
AIR WEATHER SERVICE ZFWC

# PSYCHROMETRIC SUMMARY

STATION WAFB STATION NAME WAFB YEARS 1950-1951 MONTH JAN  
 PAET 0300-500  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point				
1	.	1.																	15	15	3	3		
2	.	.	.																37	37	27	9		
3	.	.	.	.	.														157	157	49	26		
4	.	.	.	.	.	.													111	111	113	46		
5	1.	1.	1.	1.	1.	1.	.												215	215	167	1		
6	.	.	.	.	.	.	.	.											90	90	179	102		
7	.	.	.	.	.	.	.	.	.										77	77	123	14		
8	.	.	.	.	.	.	.	.	.	.									64	64	93	94		
9	.	.	.	.	.	.	.	.	.	.	.								25	25	71	76		
10	.	.	.	.	.	.	.	.	.	.	.	.							18	18	70	116		
11	.	.	.	.	.	.	.	.	.	.	.	.	.						10	10	61	93		
12	.	.	.	.	.	.	.	.	.	.	.	.	.	.					5	5	50	70		
13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				5	5	6	41		
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31	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	93		
TOTAL	.	251	135	51	7	2														937	937	937		

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JAN 54



## PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH

PAGE 1 LEADS - R. C.  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

## MONTHLY

PAGE 1 CONF-11  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

7 1944 STATION STATION NAME YEARS JAN MONTH 15 - 1718 HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
 PAGE \_\_\_\_\_ HOURS (L. S. T.) \_\_\_\_\_

[illegible]

## PSYCHROMETRIC SUMMARY

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ JAN  
MONTH \_\_\_\_\_ PAGE \_\_\_\_\_ HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
HOURS (L. S. T.) \_\_\_\_\_

[illegible]

## PSYCHROMETRIC SUMMARY

STATION

STATION NAME

**YEARS**

FF?

**MONTH**

PAU

7-11-60  
HOURS (L-S-T)

[illegible]

## PSYCHROMETRIC SUMMARY

STATION	STATION NAME
7	STATION NAME

**YEARS**

**66 MONTH**

PAGE 5 1001

[illegible]



## PSYCHROMETRIC SUMMARY

STATION

STATION NAME

**YEARS**

MONTH

HOURS (L. S. T.)

## PSYCHROMETRIC SUMMARY

STATION

STATION NAME

YEARS

**MONTH**

PRE :

HOURS (L.S.T.)

[illegible]

**MONTH**

- 23 -

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**U.S. AFETAC**

## PSYCHROMETRIC SUMMARY

[illegible]

4. —

FFB

STATION

STATION NAME

**YEARS**

**MONTH**

PAGE

1500-1700  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

74-8-

556

**YEARS**

**MONTH**

10 4-21-91

HOURS (L. S. T.)

[illegible]

REVIEWED AND VARIOUS EDITIONS OF THIS FORM ARE OBSOLETE

**0-26-5 (OL A)**

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**ETA**

**En**

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2

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• • •

Figure 1

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10

## PSYCHROMETRIC SUMMARY

174

STATION

STATION NAME

YEARS

**MONTH**

PAGE 1 7100-27.1  
HOURS (L. S. T.)



## PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
---------	--------------	-------	-------

PAGE - 229-12,2  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

7. 1. 1952

STATION

STATION NAME

**YEARS**

MONTH

PAGE

0300-0510  
HOURS (L.S.T.)

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

**USAFETAC**



GENERAL CRYPTANALYSIS ALONG  
STATE TAC  
AUGUST 1968

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_

PAGE 1

MONTH \_\_\_\_\_

HOURS (L. S. T.) \_\_\_\_\_

**USAFETAC**  
FORM  
SA 44  
**0-26-5 (OL A)**  
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## PSYCHROMETRIC SUMMARY

PAGE 120-140  
HOURS (L. S. T.)

REPRODUCED FROM THE NATIONAL ARCHIVES

**0-26-5 (OL A)**

**USAFETAC**

## PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MAP MONTH
			PAGE : 1916-1920 HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

STATION

STATION NAME

**YEARS**

MONTH

**MONTH**

                      
HOURS (L. S. T.)

SECRET  
NOFORN  
NOFORN

**MONTH**

Category	Value
1. Total	100.00
2. Total	100.00
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7. Total	100.00
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99. Total	100.00
100. Total	100.00







## PSYCHROMETRIC SUMMARY

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ APP \_\_\_\_\_  
 MONTH \_\_\_\_\_  
 PAGE \_\_\_\_\_  
 HOURS (L. S. T.) \_\_\_\_\_

[illegible]





## PSYCHROMETRIC SUMMARY

STATION

STATION NAME

**YEARS**

ADD

**MONTH**

PAGE 2

104-10444

[illegible]



## PSYCHROMETRIC SUMMARY

— 2 —

**AP ३**

STATION

STATION NAME

**YEARS**

**MONTH**

P E L E

18 1-2002  
HOURS (L. S. Y.)

REMOVED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

**0-26-5 (OL A)**

Page 44

**USAFETAC**





## PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	APR
			MONTH
			ALL
			HOURS (L. S. T.)



## PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
			MAY
			1300-1500
			HOURS (L. S. T.)









## PSYCHROMETRIC SUMMARY

[illegible]

STATION

STATION NAME

**YEAR 20**

DAY  
MONTH

2404

HOURS (L. S. T.)



## PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	PAGE	DAY	MONTH	2014-23	HOURS (L. S. T.)
---------	--------------	-------	------	-----	-------	---------	------------------

[illegible]







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July  
MONTH

HOURS (L. S. T.)

**USAFETAC**  
FORM  
AF 44  
0-26-5 (OLA)  
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GENERAL CLINICAL POLYMER MONOMERS  
 CONTACT  
 A. J. COTTON, ST. LOUIS, MO.

STATION

STATION NAME

YEARS

MONTH

CASE 2

HOURS (L. S. T.)

0-26-5 (OL A)

**USAFETYAC**



## PSYCHROMETRIC SUMMARY

STATION

STATION NAME

**YEARS**

JUL  
MONTH

PAGE 1

11-17  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

STATION

STATION NAME

**YEARS**

MONTH

Figure 1

12 -

MOORE J. S. T.

[illegible]

## PSYCHROMETRIC SUMMARY

STATION

STATION NAME

YEARS

**MONTH**

2

129

                      
HOURS (L. S. T.)

[illegible]

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HOURS (L. S. T.)

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**JUL**  
**MONTH**

HOURS (L. S. T.)

[illegible]

GENERAL CLIMATE DATA - ANCHORAGE, ALASKA  
 1971-1980

JUL  
MONTH

73-1515  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

STATION NAME

**YEARS**

JUL  
MONTH

0166

HOURS (L. S. T.)

**USAFETAC** POLARIS 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ DATE \_\_\_\_\_ YEAR \_\_\_\_\_ JULY \_\_\_\_\_  
MONTH \_\_\_\_\_  
PAGE \_\_\_\_\_  
HOURS (L.S.T.) \_\_\_\_\_

[illegible]

## PSYCHROMETRIC SUMMARY

STATION

STATION NAME

YEARS

**MONTH**

HOURS (L. S. T.)

[illegible]

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**0-26-5 (OL A)**

FORM 64

**USAFETAC**



## PSYCHROMETRIC SUMMARY

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ JUL \_\_\_\_\_ MONTH \_\_\_\_\_  
PAGE \_\_\_\_\_ HOURS (L. S. T.) \_\_\_\_\_

[illegible]

## PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH	HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATE POLICY BRANCH  
 1000 15TH STREET, NW  
 WASHINGTON, DC 20004

STATION

STATION NAME

**YEARS**

11'4  
 MONTH

HOURS (L. S. T.)

USAFETAC  
FORM 0-26-5 (OL A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
MAR 44

## PSYCHROMETRIC SUMMARY

STATION

STATION NAME

**YEARS**

     JUL       
MONTH

PAGE

ALL

           HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

**STATION**

STATION NAME

**YEARS**

442

**MONTH**

2861

10-10-10  
HOURS (L. S. T.)

[illegible]

ALL OTHERS ARE UNLAWFUL AND PROHIBITED BY LAW

**0-26-5 (OL A)**

**NOVA**

**USAFETAC**

## PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	AUG MONTH
---------	--------------	-------	--------------

2415

7-1-54  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

ALL  
MONTH

HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

**USAFETAC**

## PSYCHROMETRIC SUMMARY

STATION

STATION NAME

**YEARS**

**MONTH**

146

HOURS (L. S. T.)

[illegible]



OFFICE OF THE ATTORNEY GENERAL  
 STATE OF NEW YORK  
 ALBANY, N. Y.

HOURS (L. S. T.)

USAFETAC  
FORM  
JAN 64  
0-26-5 (OL A)  
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## PSYCHROMETRIC SUMMARY

YEARS

326

HOURS (L. S. T.)

[illegible]

0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

## PSYCHROMETRIC SUMMARY

STATION

STATION NAME

YEARS

1194

MONTO

2153

HOURS (L, S, T)

[illegible]

## PSYCHROMETRIC SUMMARY

**STATION**

STATION NAME

**YEARS**

ALL  
MONTH

0465

2:21-23  
HOURS (L. S. T.)

[illegible]

OFFICE OF THE ATTORNEY GENERAL  
STATE OF TEXAS  
AUSTIN, TEXAS

**MONTH**

ALL

[illegible]

USAFETAC  
FORM  
NA 64  
0-26-5 (OL A)  
REVISED PERVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH	HOURS (L. S. T.)
---------	--------------	-------	-------	------------------

[illegible]

NATIONAL COMMISSION ON TEACHING  
 OF SCIENCE  
 REPORT OF THE COMMISSION / 1959

**MONTH**

HOURS (L. S. T.)

[illegible]



GENERAL INFORMATION - ECH  
 1. NAME  
 2. ADDRESS

SEP  
MONTH

HOURS (L. S. T.)

[illegible]

SERIAL OF 100 INCOMES - 10000  
 10000  
 10000

**MONTH**

12 - 4 =

[illegible]

## PSYCHROMETRIC SUMMARY

**YEARS**

123

**MONTH**

PAGE

1000-1700  
HOURS (L. S. T.)

[illegible]

0-26-5 (OLA)

**USA FETAC**

UNITED STATES DEPARTMENT OF AGRICULTURE  
BUREAU OF PLANT INDUSTRY  
WASHINGTON, D. C.

5 E D  
MONTH

14-25  
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OLA) JUL 66 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
			ALL
			HOURS (L. S. T.)

[illegible]

CLASSIFICATION: A CH  
 UNCLASSIFIED  
 DATE: 11/11/2010 BY: 60322 UCBAW

HOURS (L. S. T.)

[illegible]





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DATE 08-11-2010 BY 60322 UCBAW/BJS

STATION NAME

**YEARS**

  OCT    
MONTH

PAGE -

HOURS (L. S. T.)

\_\_\_\_\_

## PSYCHROMETRIC SUMMARY

STATION

STATION NAME

**YEARS**

Oct  
MONTH

PAGE 1

HOURS (L. S. T.)

[illegible]

CENTRAL CLIMATELOGY STATION  
 WISCONSIN  
 41° 15' N 89° 15' W

# PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS OCT  
 MONTH  
 1953-1954  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
1																		10	42			
2																		67	67	43		
3																		111	121	67	48	
4																		176	176	178	53	
5																		260	250	112	65	
6																		103	147	101	101	
7																		88	69	106	117	
8																		30	74	173	119	
9																		74	77	79	131	
10																		0	73	73	119	
11																			3	3	37	
12																					37	
13																						7
14																						5
15																						4
16																		943	93	93	93	
17																						
18																						
19																						
20																						
21																						
22																						
23																						
24																						
25																						
26																						
27																						
28																						
29																						
30																						
31																						
TOTAL																						
Element (X)	Σ X <sup>2</sup>		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X	
Rel. Hum.	56.223		71.076		77.0		11.804		0.3		0.3		0.3		0.3		0.3		0.3		0.3	
Dry Bulb	18.1152		11.1152		42.0		2.768		0.3		0.3		0.3		0.3		0.3		0.3		0.3	
Wet Bulb	15.6222		11.1152		42.0		2.768		0.3		0.3		0.3		0.3		0.3		0.3		0.3	
Dew Point	13.0375		11.1152		42.0		2.768		0.3		0.3		0.3		0.3		0.3		0.3		0.3	
Mean No. of Hours with Temperature	Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F		Total									
Σ 0 F	1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0	
Σ 32 F	19.2		19.2		19.2		19.2		19.2		19.2		19.2		19.2		19.2		19.2		19.2	
Σ 67 F																						
Σ 73 F																						
Σ 80 F																						
Σ 93 F																						
Total																						

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
 PAGE \_\_\_\_\_ HOURS (L. S. T.) \_\_\_\_\_

## PSYCHROMETRIC SUMMARY

STATION

STATION NAME

YEARS

957

**MONTH**

HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

CC I

**MONTH**

ALL

HOURS (L, S, T.)

[illegible]

USAFETAC FORM 0-20-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
 HOURS (L. S. T.) \_\_\_\_\_

[illegible]



## PSYCHROMETRIC SUMMARY

1. The first group of variables includes the demographic characteristics of the respondents, such as age, gender, and education level. These variables are used to control for potential confounding factors that may influence the relationship between the independent and dependent variables.

STATION

STATION NAME

YEARS

NC 3

**MONTH**

541

3-1-67  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

STATION

STATION NAME

**YEARS**

30  
MONTH

765

100488 (1 - 8 - 1.)

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HEREIN IS UNCLASSIFIED  
DATE 08-22-2001 BY 60322 UCBAW

HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
			HOURS (L. S. T.)

[illegible]

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T.C.  
AT THE CHIEF OF BUREAU

HOURS (L, S, T, )

AD A146 917

SIENYA AFB ALASKA REVISED UNIFORM SUMMARY OF SURFACE  
WEATHER OBSERVATIONS..(U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A.. MAY 84

9/5

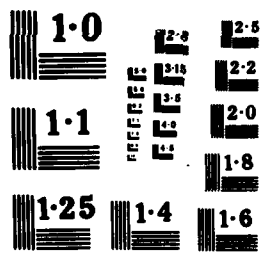
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## PSYCHROMETRIC SUMMARY

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_

PAGE \_\_\_\_\_ MONTH \_\_\_\_\_

PAGE 2 OF 2 PAGES  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

**MONTH**

21-23  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

STATION

STATION NAME

**YEARS**

NOV  
MONTH

**PACI**

11  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

DEC

STATION

STATION NAME

YEARS

**MONTH**

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## PSYCHROMETRIC SUMMARY

STATION	STATION NAME
---------	--------------

**YEARS**

150  
MONTH

PAGE 1 100-5010  
HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	DEC
			MORTH
			HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ DEF \_\_\_\_\_  
 MONTH \_\_\_\_\_  
 PAGE \_\_\_\_\_  
 HOURS (L. S. Y.) \_\_\_\_\_

[illegible]

## PSYCHROMETRIC SUMMARY

STATION

STATION NAME

**YEARS**

DEC  
MONTH

D A S S

92-2-4-5

HOURS (L. S. T.)

[illegible]

## PSYCHROMETRIC SUMMARY

## STATION

STATION NAME

YEARS

**MON T**

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NOV 5 1957

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DATE 05-15-2010 BY 60322

**MONTH**

100

HOURS (L. S. T.)

FORM 0-26-S (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

**UŠAFETAČ**

## PSYCHROMETRIC SUMMARY

STAT 13M

STATION NAME

YEARS

**MONTH**

PASS

HOURS (L, S, T)

[illegible]

1. **RESEARCH DESIGN**

2. **RESULTS**

3. **CONCLUSIONS**

4. **REFERENCES**

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**MONTH**

[illegible]



## PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH	HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po			
75.45	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	75.45	75.45	75.45	75.45			

GLOBAL CLIMATOLOGY - ANCH  
 PACIFIC  
 A - STATION - SNOVIG-ANAK

# MEANS AND STANDARD DEVIATIONS

DAY-TIME TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

STATION		STATION NAME												YEARS	
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
-	MEAN	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	
	S.D.	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	
	TOTAL OBS	46	46	46	46	46	46	46	46	46	46	46	46	46	
-	MEAN	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	
	S.D.	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	
	TOTAL OBS	46	46	46	46	46	46	46	46	46	46	46	46	46	
-	MEAN	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	
	S.D.	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	
	TOTAL OBS	46	46	46	46	46	46	46	46	46	46	46	46	46	
-1	MEAN	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	
	S.D.	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	
	TOTAL OBS	46	46	46	46	46	46	46	46	46	46	46	46	46	
1 -1	MEAN	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	
	S.D.	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	
	TOTAL OBS	46	46	46	46	46	46	46	46	46	46	46	46	46	
1 -1	MEAN	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	
	S.D.	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	
	TOTAL OBS	46	46	46	46	46	46	46	46	46	46	46	46	46	
1 -1	MEAN	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	
	S.D.	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	
	TOTAL OBS	46	46	46	46	46	46	46	46	46	46	46	46	46	
-2	MEAN	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	
	S.D.	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	
	TOTAL OBS	46	46	46	46	46	46	46	46	46	46	46	46	46	
-2	MEAN	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	
	S.D.	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	
	TOTAL OBS	46	46	46	46	46	46	46	46	46	46	46	46	46	
-23	MEAN	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	
	S.D.	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	
	TOTAL OBS	46	46	46	46	46	46	46	46	46	46	46	46	46	
ALL HOURS	MEAN	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	
	S.D.	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	
	TOTAL OBS	46	46	46	46	46	46	46	46	46	46	46	46	46	







## RELATIVE HUMIDITY

STATION

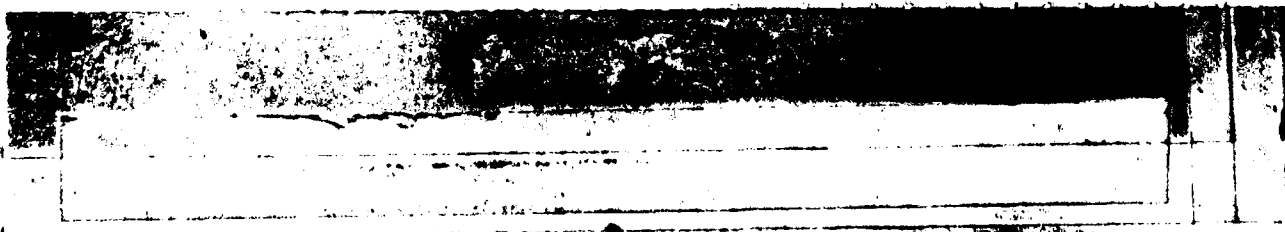
STATION NAME

PERIOD

JAN.

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	-1-1	100.0	100.0	100.0	100.0	97.0	86.9	67.0	38.1	11.9	75.3	929
FEB	-1-2	100.0	100.0	100.0	100.0	95.0	88.5	67.5	41.5	12.2	75.5	930
MAR	-1-3	100.0	100.0	100.0	100.0	97.5	87.5	62.4	40.8	12.9	75.5	930
APR	-1-4	100.0	100.0	100.0	100.0	98.0	87.2	62.6	39.3	11.8	75.4	927
MAY	-1-5	100.0	100.0	100.0	100.0	97.5	86.1	61.0	38.6	11.6	75.1	930
JUN	-1-6	100.0	100.0	100.0	99.9	97.0	86.0	60.7	35.7	11.3	74.5	929
JUL	-1-7	100.0	100.0	100.0	100.0	97.4	87.4	61.0	38.5	11.6	75.1	930
AUG	-1-8	100.0	100.0	100.0	100.0	97.1	87.4	62.0	39.2	11.7	75.1	929
SEP												
OCT												
NOV												
DEC												
TOTALS		100.0	100.0	100.0	100.0	97.0	87.1	62.3	39.0	11.8	75.2	7434

USAFETAC FORM 0-87-5 (OL A)



## RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
4	ALABAMA	1967	SEP

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB.	-1-1	100.0	100.0	100.0	99.9	95.0	83.6	57.0	34.9	9.6	73.4	846
	-1-2	100.0	100.0	99.9	99.4	95.7	82.0	54.1	34.0	7.0	72.8	846
	-1-3	100.0	100.0	100.0	99.6	93.0	81.5	57.6	33.5	9.3	73.0	846
	-1-11	100.0	100.0	100.0	99.8	94.7	81.4	55.4	30.0	9.1	72.5	846
	-1-15	100.0	100.0	100.0	99.9	94.7	79.1	52.0	29.7	5.8	71.5	846
	-1-17	100.0	100.0	100.0	99.3	93.3	74.7	50.5	29.0	6.9	71.2	846
	-1-20	100.0	100.0	100.0	99.5	95.4	79.4	56.6	25.2	9.2	72.9	846
	-1-23	100.0	100.0	100.0	99.3	96.0	82.5	61.7	26.4	9.2	73.8	844
TOTALS		80.0	100.0	100.0	99.6	94.7	81.1	55.7	33.0	9.1	72.6	6765

GENERAL CLIMATOLOGY PLANCH  
USAFETAC  
AIR WEATHER SERVICE WPAO

# RELATIVE HUMIDITY

4 SHEPHERD AFB TX 1967  
STATION NAME PERIOD MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	-	100.0	100.0	100.0	100.0	97.7	88.1	66.0	38.1	1.7	75.2	97
	1-1	100.0	100.0	100.0	100.0	97.7	86.1	67.9	37.8	7.3	74.6	970
	-	100.0	100.0	100.0	100.0	97.7	85.9	67.6	37.8	9.3	74.5	97
	1-1	100.0	100.0	100.0	100.0	97.7	85.2	61.6	39.7	17.8	74.7	937
	1-10	100.0	100.0	100.0	99.9	94.7	81.5	59.9	35.7	9.5	73.5	930
	1-10	100.0	100.0	100.0	99.9	94.5	79.9	55.7	32.0	7.3	72.5	937
	1-20	100.0	100.0	100.0	100.0	96.1	81.5	59.9	34.7	8.7	73.4	970
	1-20	100.0	100.0	100.0	99.7	96.9	86.1	64.5	38.7	9.8	74.9	930
TOTALS		100.0	100.0	100.0	99.9	96.9	84.3	61.6	36.8	9.5	74.2	7437

## RELATIVE HUMIDITY

STATION

SECRET

STATION NAME

१ - १२ ३

PERIOD

AD is

MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)**

[illegible]**USAFETAC**FORM  
JUL 64

**0-87-5 (OL A)**

## RELATIVE HUMIDITY

STATION NAME

10-5-00

PERIOD

MAY  
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	5-12	100.0	100.0	100.0	100.0	99.7	98.4	88.1	57.6	18.3	81.3	924
	-13	100.0	100.0	100.0	100.0	99.4	97.7	89.0	60.3	19.7	82.2	925
	12-19	100.0	100.0	100.0	100.0	99.6	98.1	86.9	61.4	22.3	82.3	928
	-20	100.0	100.0	100.0	100.0	99.6	96.9	84.1	53.0	19.6	81.1	930
	1-17	100.0	100.0	100.0	99.0	99.0	94.5	74.9	44.2	13.7	78.4	930
	-18	100.0	100.0	100.0	100.0	99.1	94.5	70.1	40.9	12.5	77.6	929
	-19	100.0	100.0	100.0	100.0	99.5	95.0	75.4	46.6	13.9	78.9	927
	1-23	100.0	100.0	100.0	100.0	99.0	98.2	84.1	56.2	17.3	81.1	927
TOTALS		100.0	100.0	100.0	100.0	99.5	96.7	81.6	52.7	17.2	81.4	7420

## RELATIVE HUMIDITY

100

JUN

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN.	1-31	100.0	100.0	100.0	100.0	100.0	100.0	98.6	89.3	50.0	89.7	900
FEB.	1-28	100.0	100.0	100.0	100.0	100.0	100.0	98.4	91.4	52.1	90.2	970
MAR.	1-31	100.0	100.0	100.0	100.0	100.0	100.0	99.3	91.2	52.3	90.3	970
APR.	1-30	100.0	100.0	100.0	100.0	100.0	100.0	98.2	85.7	46.1	89.1	900
MAY	1-31	100.0	100.0	100.0	100.0	99.9	99.6	95.3	75.9	36.7	87.	900
JUN.	1-30	100.0	100.0	100.0	100.0	100.0	99.0	95.3	70.3	30.9	85.7	900
JUL.	1-31	100.0	100.0	100.0	100.0	100.0	99.1	95.3	76.3	33.1	86.4	970
AUG.	1-31	100.0	100.0	100.0	100.0	100.0	99.9	97.6	83.8	42.0	88.4	970
SEPT.	1-30											
OCT.	1-31											
NOV.	1-30											
DEC.	1-31											
TOTALS		100.0	100.0	100.0	100.0	100.0	99.7	97.3	83.0	42.9	88.4	7200

FORM  
FA 64

0-87-5 (OL A)

## RELATIVE HUMIDITY

JUL  
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	6-22	100.0	100.0	100.0	100.0	100.0	100.0	99.9	95.1	66.2	92.5	93
	6-5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	94.1	71.2	92.9	93
	6-8	100.0	100.0	100.0	100.0	100.0	100.0	99.9	94.1	72.7	93.1	93
	6-11	100.0	100.0	100.0	100.0	100.0	100.0	100.0	92.7	68.2	92.3	93
	6-14	100.0	100.0	100.0	100.0	100.0	100.0	99.6	87.5	52.3	91.0	93
	6-17	100.0	100.0	100.0	100.0	100.0	99.7	98.3	91.2	42.7	98.1	929
	6-20	100.0	100.0	100.0	100.0	100.0	99.9	98.6	46.0	44.6	89.2	933
	6-23	100.0	100.0	100.0	100.0	100.0	100.0	99.6	92.4	61.6	91.5	93
TOTALS		100.0	100.0	100.0	100.0	100.0	100.0	99.5	90.4	59.9	91.2	7439

USAFETAC FORM 8-87-5 (OL A)





## RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
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MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
-1	1	100.0	100.0	100.0	100.0	100.0	99.1	97.0	73.3	34.3	85.6	970
-1	2	100.0	100.0	100.0	100.0	100.0	99.2	93.6	73.9	36.1	85.9	970
-1	3	100.0	100.0	100.0	100.0	100.0	99.3	93.9	73.9	33.2	85.8	970
-1	4	100.0	100.0	100.0	100.0	100.0	99.1	90.1	68.6	29.3	84.6	970
-1	5	100.0	100.0	100.0	100.0	100.0	97.1	87.7	53.2	19.8	81.6	970
-1	6	100.0	100.0	100.0	100.0	100.0	97.1	85.2	47.7	15.6	80.3	970
-1	7	100.0	100.0	100.0	100.0	100.0	97.3	87.8	57.7	19.6	82.1	970
-1	8	100.0	100.0	100.0	100.0	100.0	99.1	91.9	69.9	28.9	84.7	970
TOTALS		100.0	100.0	100.0	100.0	100.0	98.4	90.6	64.7	26.9	83.8	7200

USAFETAC FORM 0-87-5 (OL A)

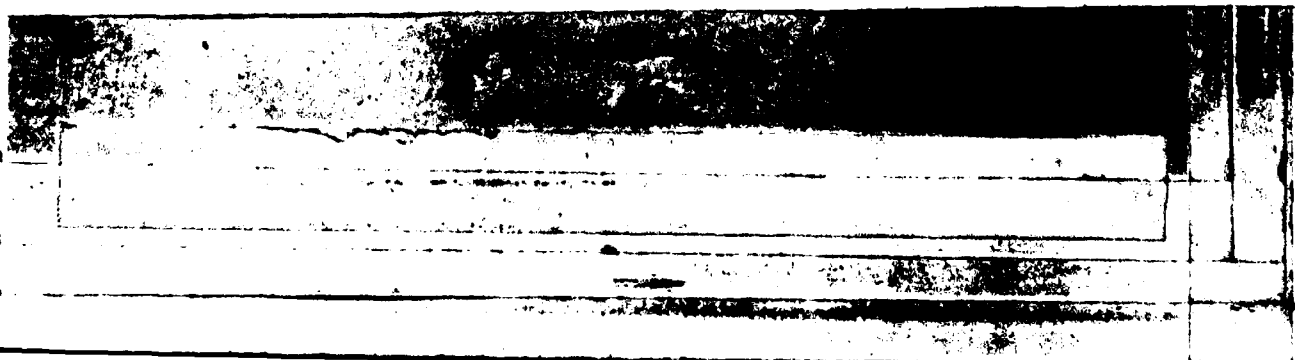
## RELATIVE HUMIDITY

PERIOD

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	-01	100.0	100.0	100.0	99.9	99.9	99.6	93.9	54.1	21.1	81.3	93
FEB	-	100.0	100.0	100.0	99.9	99.9	99.6	92.7	58.7	21.6	81.6	93
MAR	-	100.0	100.0	100.0	99.9	99.9	99.3	93.7	58.1	21.5	81.7	929
APR	-01	100.0	100.0	100.0	99.9	99.9	99.4	79.7	52.0	19.1	82.3	927
MAY	-01	100.0	100.0	100.0	99.9	99.9	99.9	71.8	41.0	17.9	77.2	93
JUN	-01	100.0	100.0	100.0	99.9	99.4	87.8	69.6	40.0	12.9	76.8	931
JUL	-01	100.0	100.0	100.0	99.9	99.9	76.4	56.1	46.6	14.5	79.6	931
AUG	-01	100.0	100.0	100.0	99.9	99.9	90.7	81.1	53.0	19.5	80.5	930
SEP												
OCT												
NOV												
DEC												
TOTALS		100.0	100.0	100.0	99.9	99.9	94.2	78.2	50.7	17.8	79.8	7436

USAFETAC FORM 0-87.5 (OL A)



## RELATIVE HUMIDITY

PERIOD

NOV  
MONTH

[illegible]

USAPETAC FORM 0-87-5 (OL A)

## RELATIVE HUMIDITY

STATION NAME

۷۲۸

PERIOD

Q5C

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	-	107.0	108.0	107.0	106.0	99.7	88.8	62.0	40.	12.4	75.7	93
FEB	-	107.0	108.0	107.0	99.0	97.0	88.2	61.0	40.0	13.8	75.7	93
MAR	-	107.0	108.	107.0	99.9	97.	88.7	62.7	42.9	14.3	76.0	93
APR	-11	107.0	108.0	107.0	99.0	97.0	86.6	65.1	42.7	11.4	75.9	93
MAY	-14	107.0	108.0	107.0	99.0	97.0	86.2	61.5	39.	11.4	75.7	93
JUN	-12	107.0	108.0	107.0	99.9	97.0	87.0	61.6	37.5	11.2	74.8	93
JUL	-10	107.0	108.0	107.0	99.9	99.0	89.2	63.8	40.1	11.0	75.7	93
AUG	-23	107.0	108.0	107.0	100.0	99.4	89.0	63.1	41.	11.9	75.9	93
SEPT												
OCT												
NOV												
DEC												
TOTALS		70.0	100.0	100.0	99.9	97.0	88.2	62.8	40.5	12.2	75.6	7440

USAFETAC FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH  
NOAA/ETC  
AIR WEATHER SERVICE ZAAC

# RELATIVE HUMIDITY

STATION NAME: JERUSALEM AIR AC PERIOD: ALL MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	241	7.0	100.0	100.0	99.9	97.0	87.1	62.3	39.0	11.8	55.2	7434
FEB		7.0	100.0	100.0	99.6	94.7	81.0	55.7	33.0	9.1	72.6	6765
MAR		7.0	100.0	100.0	99.9	96.4	84.3	61.6	36.0	9.5	74.2	7437
APR		7.0	100.0	100.0	99.9	98.0	86.7	64.6	40.6	9.9	75.5	7190
MAY		7.0	100.0	100.0	99.0	99.0	96.7	81.6	52.7	17.2	80.4	7420
JUN		7.0	100.0	100.0	100.0	100.0	99.7	97.7	83.0	42.9	88.4	7200
JUL		7.0	100.0	100.0	100.0	100.0	100.0	99.5	90.4	50.9	91.2	7439
AUG		7.0	100.0	100.0	100.0	100.0	99.9	98.7	90.7	58.1	91.2	7439
SEP		7.0	100.0	100.0	100.0	100.0	98.4	97.6	64.7	26.9	83.8	7200
OCT		7.0	100.0	100.0	100.0	99.2	94.2	78.2	50.7	17.8	79.8	7436
NOV		7.0	100.0	100.0	100.0	98.6	90.0	67.9	39.0	12.1	76.4	7145
DEC		7.0	100.0	100.0	99.9	97.9	88.2	62.8	40.5	12.2	75.6	7440
TOTALS		7.0	100.0	100.0	100.0	98.5	92.2	76.7	55.1	23.8	80.4	87545

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART F

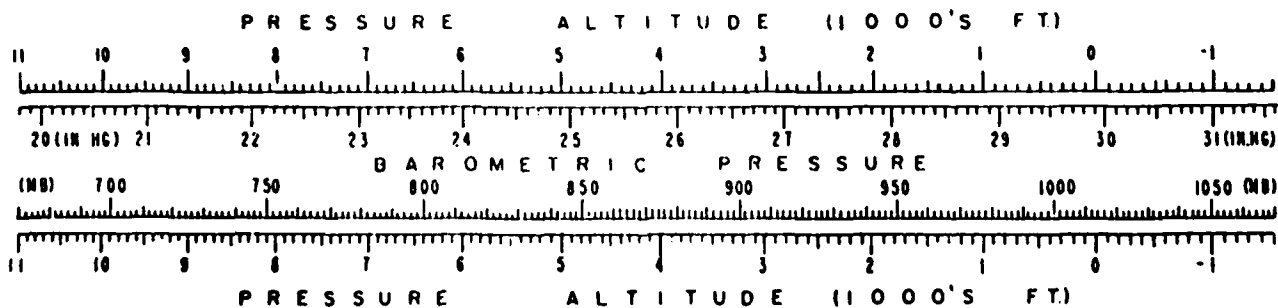
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.  
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.  
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



### MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

STATION		STATION NAME												YEARS	
HRS (LST)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
MEAN		29.309	29.437	29.615	29.689	29.730	29.764	29.689	29.762	29.652	29.441	29.393	29.575		
S.D.		.419	.417	.376	.324	.248	.229	.271	.323	.371	.411	.472	.393		
TOTAL OBS		2	2	3	3	3	3	3	3	3	3	3	3	3652	
MEAN		29.309	29.429	29.617	29.678	29.727	29.752	29.677	29.770	29.641	29.435	29.384	29.566		
S.D.		.419	.417	.376	.324	.248	.229	.271	.323	.371	.411	.472	.393		
TOTAL OBS		2	2	3	3	3	3	3	3	3	3	3	3	3652	
MEAN		29.309	29.419	29.617	29.682	29.733	29.756	29.679	29.769	29.642	29.434	29.379	29.566		
S.D.		.419	.418	.376	.317	.244	.227	.271	.322	.373	.415	.445	.394		
TOTAL OBS		2	2	3	3	3	3	3	3	3	3	3	3	3652	
MEAN		29.309	29.441	29.627	29.688	29.741	29.766	29.690	29.779	29.659	29.445	29.392	29.579		
S.D.		.419	.419	.366	.318	.246	.226	.273	.326	.369	.418	.443	.394		
TOTAL OBS		2	2	3	3	3	3	3	3	3	3	3	3	3652	
MEAN		29.309	29.437	29.620	29.685	29.738	29.763	29.691	29.773	29.658	29.436	29.388	29.575		
S.D.		.419	.417	.367	.322	.248	.227	.272	.327	.365	.422	.443	.399		
TOTAL OBS		2	2	3	3	3	3	3	3	3	3	3	3	3652	
MEAN		29.309	29.423	29.617	29.676	29.728	29.755	29.684	29.765	29.643	29.422	29.375	29.563		
S.D.		.419	.416	.369	.325	.249	.227	.270	.329	.363	.416	.442	.399		
TOTAL OBS		2	2	3	3	3	3	3	3	3	3	3	3	3652	
MEAN		29.309	29.429	29.614	29.675	29.726	29.752	29.683	29.768	29.652	29.431	29.387	29.567		
S.D.		.419	.413	.372	.325	.249	.227	.268	.328	.363	.413	.439	.392		
TOTAL OBS		2	2	3	3	3	3	3	3	3	3	3	3	3651	
MEAN	29	29.296	29.399	29.444	29.630	29.689	29.740	29.764	29.697	29.782	29.660	29.437	29.392	29.578	
S.D.		.422	.413	.413	.372	.324	.248	.224	.270	.330	.364	.412	.437	.393	
TOTAL OBS		31	281	313	300	310	300	310	310	300	310	299	310	3650	
ALL HOURS	MEAN	29.292	29.392	29.434	29.619	29.683	29.734	29.759	29.686	29.774	29.651	29.435	29.386	29.571	
	S.D.	.422	.416	.402	.371	.321	.246	.227	.271	.325	.367	.415	.439	.394	
	TOTAL OBS	2452	2255	2480	2400	2480	2400	2480	2480	2400	2480	2396	2480	29211	

CLIMATE DATA  
 STATION  
 LOCATION

# MEANS AND STANDARD DEVIATIONS

LA TOWER OBSERVED IN MRS FROM HOURLY OBSERVATIONS

STATION		STATION NAME										YEARS			
HRS (EST.)		JAN	FEB	MAR.	APR.	MAY	JUN.	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
	MEAN	95.4	99.4	100.5	106.5	109.7	111.5	111.8	107.3	102.5	100.1	99.9	999.2	1005.4	
	S.D.	14.4	14.175	13.877	12.847	12.777	12.777	12.777	12.777	12.777	12.777	12.777	12.777	13.393	
	TOTAL OBS	310	310	310	310	310	310	310	310	310	310	310	310	3650	
	MEAN	95.4	99.4	100.5	106.5	109.7	111.5	111.8	107.3	102.5	100.1	99.9	999.2	1005.4	
	S.D.	14.4	14.175	13.877	12.847	12.777	12.777	12.777	12.777	12.777	12.777	12.777	12.777	13.349	
	TOTAL OBS	310	310	310	310	310	310	310	310	310	310	310	310	3650	
	MEAN	95.4	99.4	100.5	106.5	109.7	111.5	111.8	107.3	102.5	100.1	99.9	999.2	1005.4	
	S.D.	14.4	14.175	13.877	12.847	12.777	12.777	12.777	12.777	12.777	12.777	12.777	12.777	13.375	
	TOTAL OBS	310	310	310	310	310	310	310	310	310	310	310	310	3650	
	MEAN	95.4	99.4	100.5	106.5	109.7	111.5	111.8	107.3	102.5	100.1	99.9	999.2	1005.4	
	S.D.	14.4	14.175	13.877	12.847	12.777	12.777	12.777	12.777	12.777	12.777	12.777	12.777	13.470	
	TOTAL OBS	310	310	310	310	310	310	310	310	310	310	310	310	3650	
	MEAN	95.4	99.4	100.5	106.5	109.7	111.5	111.8	107.3	102.5	100.1	99.9	999.2	1005.4	
	S.D.	14.4	14.175	13.877	12.847	12.777	12.777	12.777	12.777	12.777	12.777	12.777	12.777	13.422	
	TOTAL OBS	310	310	310	310	310	310	310	310	310	310	310	310	3650	
	MEAN	95.4	99.4	100.5	106.5	109.7	111.5	111.8	107.3	102.5	100.1	99.9	999.2	1005.4	
	S.D.	14.4	14.175	13.877	12.847	12.777	12.777	12.777	12.777	12.777	12.777	12.777	12.777	13.438	
	TOTAL OBS	310	310	310	310	310	310	310	310	310	310	310	310	3650	
	MEAN	95.4	99.4	100.5	106.5	109.7	111.5	111.8	107.3	102.5	100.1	99.9	999.2	1005.4	
	S.D.	14.4	14.175	13.877	12.847	12.777	12.777	12.777	12.777	12.777	12.777	12.777	12.777	13.371	
	TOTAL OBS	310	310	310	310	310	310	310	310	310	310	310	310	3650	
27	MEAN	95.4	99.4	100.5	106.5	109.7	111.5	111.8	107.3	102.5	100.1	99.9	999.2	1005.4	
	S.D.	14.4	14.175	13.877	12.847	12.777	12.777	12.777	12.777	12.777	12.777	12.777	12.777	13.371	
	TOTAL OBS	310	310	310	310	310	310	310	310	310	310	310	310	3650	
ALL HOURS	MEAN	95.4	99.4	100.5	106.5	109.7	111.5	111.8	107.3	102.5	100.1	99.9	999.2	1005.4	
	S.D.	14.4	14.175	13.877	12.847	12.777	12.777	12.777	12.777	12.777	12.777	12.777	12.777	13.393	
	TOTAL OBS	2470	2255	2470	2470	2480	2480	2480	2480	2480	2480	2395	2470	29219	



END

DATE  
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